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DEPARTMENT OF DEFENSE

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# BASE STRUCTURE REPORT FOR FISCAL YEAR 1991



AUGUST 1990

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OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE  
(PRODUCTION AND LOGISTICS)

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# BASE STRUCTURE REPORT

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SUPPLEMENT TO THE FY 1991 PRESIDENT'S BUDGET

PREPARED BY

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

(PRODUCTION AND LOGISTICS)

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## CHAPTER ONE

### INTRODUCTION

→ Military installations are vital to the Nation's security, and quality facilities greatly enhance the working and living conditions of our military people and their families. The base structure of the Department of Defense (DoD) comprises over 5,500 properties with almost 27 million acres of land, and has an original investment cost of roughly \$69 billion. The FY 1991 facilities replacement value is estimated at \$600 billion. Defense installations and properties range from unmanned navigational aid stations of less than a half acre to the Naval Station at Norfolk, Virginia with over 60,000 employees and Nellis Air Force Base in Nevada with over 3 million acres.

→ The worldwide military base structure supports our defense population, which consists of an active force of nearly 2.1 million military personnel, 1.2 million guard and reserve members, and 1.0 million civilian employees. The investment the Nation makes in its defense facilities is an investment in its military and civilian people -- an investment that is repaid in the form of improved pride, greater performance, and better combat readiness.

#### **I. REPORTING REQUIREMENT**

→ The Base Structure Report is prepared by the <sup>DoD</sup> Department of Defense to (a) provide information on military installations, (b) explain and justify the relationship between the current DoD base structure and the proposed military force structure, and (c) identify base operating support costs and evaluate possible alternatives to reduce such costs.

A written report on DoD base structure is required to be submitted annually by the Secretary of Defense to the Congress under the provisions of Section 115 of Title 10, United States Code. The public law calls for the report to identify, define, and group by mission and by region the types of military bases, installations, and facilities. This Base Structure Report satisfies that requirement for FY 1991. It should be used in conjunction with the following related DoD reports for FY 1991 that contain information on defense forces, funds, equipment, and other resources.

- o Secretary of Defense Annual Report to the Congress
- o The Defense Manpower Requirements Report
- o The Military Manpower Training Report

#### **II. CONTENT AND ORGANIZATION**

The Base Structure Report has been prepared to provide an understanding of the scope and purpose of DoD base structure as it was in FY 1989. The Report identifies military bases,

installations, and facilities, and furnishes information on each major, minor, or support installation, as defined by each Military Service, to include its location by the name of the nearest city; an Installation Defense Planning and Programming category, which classifies the installation by major Defense programs; size or importance of the installation; assigned number of military and civilian personnel; acreage; and principal unit or mission. The bases identified in this Report are arrayed by Military Service and then by region, the 50 United States, U.S. Territories and Possessions, and foreign areas.

In addition, this year the Base Structure Report contains an appendix listing European bases and communities, and the over 800 subordinate sites which collectively comprise each base or community. This appendix has been included due to the interest and potential activity surrounding the DOD European base structure. The information that was readily available for each of the over 800 sites has been included in this year's report. The 1991 DOD Base Structure Report, for FY 1992, will contain more complete information on each site.

### III. MILITARY SERVICE BASE STRUCTURE CHAPTERS

Each Military Service provides a narrative description of its base structure and the relationship of base structure to force structure; the composition of base operating support costs; programmed expenditures for base operating support and actions taken to reduce annual base operating support costs; and its installations worldwide. Each Service chapter contains the following Sections.

<u>Section</u>	<u>Title</u>
I	Introduction
II	Base Structure Overview
III	Relationship of Base Structure to Force Structure
IV	Base Operating Support Costs
V	Actions to Reduce Base Operating Support Costs
VI	Service Base Structure

Each installation entry includes a category code number (1, 2, or 3) that is based upon a classification system developed by the Services based on their own definitions. All bases with significant personnel assigned are included. For the most part, training bombing ranges, communication sites, Reserve Centers, outlying landing fields, and other, often unmanned, properties are not included in this Report.

Two categories of population data are depicted for each installation. The authorized full time permanently assigned



military and civilian personnel represent the basic installation population. Added to this population are the appropriated fund financed contractor personnel assigned to the installation, the average daily student load, if applicable. This latter figure more accurately reflects the installation population workload.

#### **IV. BASE OPERATING SUPPORT COSTS**

All base operating support, either directly or indirectly, contributes to the performance of the military mission. This report identifies base operating costs as those overhead costs (i.e., the general cost of doing business or, conversely, the cost of mission operation not readily assignable to the missions themselves) of providing, operating and maintaining the defense base structure.

The definition of base operating support costs that this report follows provides a reasonable and uniform basis for reporting the support costs of operating defense installations. Base operating costs refers to the cost of services -- goods and people -- needed to operate and maintain defense installations so that the operational forces can pursue their mission objectives. This includes:

- o Real Property Maintenance Activities - Maintenance and repair, minor construction, operation of utilities, and other engineering support
- o Base Operating Support - Payments to the General Services Administration; administrative and data processing activities; supply operations; maintenance of installed equipment; bachelor housing operations and furnishings; morale, welfare, and recreation activities; and other base services and personnel support
- o Construction - Military construction, including family housing new construction and improvements
- o Family Housing Operation and Maintenance - Family housing management, services, utilities, furniture and equipment, leasing maintenance, and repair

#### **V. BASE CLOSURE AND REALIGNMENT**

On December 29, 1988, the Commission on Base Realignment and Closure announced results of its deliberative process. The report affects 143 installations, including 86 for closure, five for partial closure, and 54 others for realignment. In January 1990, the Secretary of Defense announced a plan to study for closure 35 domestic bases and realign or reduce forces at 20 others. Overseas, the department intends to end operations at 12 bases and realign or partially drawdown its forces at two others.

## VI. CONCLUSION

Military base structure is dynamic and has evolved over time to its present composition. Changing force structure, wartime scenarios, resource availability, advancing technology, and many other factors have influenced the size of the base structure and the location of the bases. Today, three factors: changing force structure, resource availability, and the fast changing political realities of Eastern Europe and the Soviet Union combine to require that the Department have the flexibility to efficiently close and/or realign some bases in order to save scarce defense dollars. In addition, DoD is continuing to seek ways to improve the general management of its base structure. The Department continues to have the objective of an efficient and economic base structure to meet current and projected peacetime and wartime requirements, and forces.

TABLE I  
DEPARTMENT OF DEFENSE REAL PROPERTY SUMMARY  
SEPTEMBER 30, 1989

<u>MILITARY DEPARTMENT</u>	<u>UNITED STATES</u>	<u>U.S. TERRITORIES AND POSSESSIONS</u>	<u>FOREIGN AREAS</u>	<u>DOD TOTAL</u>
<u>NUMBER OF PROPERTIES</u>				
ARMY	1,255	15	962	2,232
NAVY	508	18	63	589
AIR FORCE	<u>2,013</u>	<u>24</u>	<u>644</u>	<u>2,681</u>
TOTAL	3,776	57	1,669	5,502

<u>ACREAGE (MILLIONS OF ACRES)</u>				
ARMY	11.602	.017	.484	12.103
NAVY	3.697	.082	.210	3.989
AIR FORCE	<u>9.471</u>	<u>.026</u>	<u>1.005</u>	<u>10.502</u>
TOTAL	24.769	.125	1.699	26.593

(NOTE: NAVY FIGURES INCLUDE MARINE CORPS)

# SUMMARY OF NUMBER OF DOD INSTALLATIONS

Mission Category (IDPPC)	Fifty States .....	U.S. Territories and Possessions .....	Foreign Areas .....	Total .....
<b>STRATEGIC FORCES</b>				
- STRATEGIC (101)	26	1	2	29
- INTELLIGENCE AND COMMUNICATIONS (103)	3	0	1	4
- GUARD AND RESERVE (105)	8	0	0	8
- RESEARCH AND DEVELOPMENT (106)	2	0	0	2
<b>GENERAL PURPOSE FORCES</b>				
- GENERAL PURPOSE (202)	75	2	96	173
- INTELLIGENCE AND COMMUNICATIONS (203)	2	0	2	4
- AIRLIFT/SEALIFT FORCES (204)	14	0	4	18
- GUARD AND RESERVE (205)	102	1	0	103
<b>AUXILIARY FORCES</b>				
- INTELLIGENCE AND COMMUNICATIONS (303)	18	2	8	28
- RESEARCH AND DEVELOPMENT (306)	36	1	0	37
- CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)	2	0	0	2
<b>MISSION SUPPORT FORCES</b>				
- STRATEGIC (401)	2	0	0	2
- GENERAL PURPOSE (402)	45	1	14	60
<b>CENTRAL SUPPORT FORCES</b>				
- CENTRAL SUPPLY AND MAINTENANCE (507)	70	2	7	79
- TRAINING, MEDICAL AND OTHER PERSONNEL (508)	79	0	2	81
- ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	1	0	0	1
<b>TOTAL DEPARTMENT OF DEFENSE</b>	485	10	136	631

TABLE II

DEPARTMENT OF DEFENSE

BASE OPERATING SUPPORT COSTS  
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories &amp; Possessions</u>	<u>Foreign/ Overseas</u>	<u>Total</u>
Strategic Forces	1,014.6	22.2	37.1	1,073.9
General Purpose Forces	3,900.8	177.3	4,928.7	9,006.8
Intell/Communication	221.6	9.0	76.3	306.9
Airlift/Sealift	476.8	-	41.5	518.3
Guard & Reserve Forces	938.2	4.5	-	942.7
Research & Development	897.2	-	-	897.2
Central Supply & Maintenance	2,789.8	73.8	149.5	3,013.1
Training, Medical, & Other General Purpose Activities	3,137.3	7.9	35.6	3,180.8
Administration & Assoc. Activities	339.3	-	-	339.3
Support to Other Nations	-	-	-	-
<b>SUBTOTAL</b>	<b>13,715.6</b>	<b>294.7</b>	<b>5,268.7</b>	<b>19,279.0</b>
Construction	3,475.8	34.5	651.1	4,161.4
Family Housing O & M	<u>1,707.8</u>	<u>96.9</u>	<u>1,246.5</u>	<u>3,051.2</u>
<b>TOTAL</b>	<b>18,899.2</b>	<b>426.1</b>	<b>7,166.3</b>	<b>26,491.6</b>

TABLE III

TABLE IV

BASE STRUCTURE REPORT

LIST OF ABBREVIATIONS

ACFT	Aircraft
ACT	Activity
ADMIN	Administration
AF	Air Force
AFB	Air Force Base
AFR	Air Force Reserve
AFRC	Armed Forces Reserve Center
AFS	Air Force Station
AGB	Air Guard Base
AGS	Air Guard Station
AGY	Agency
AMMO	Ammunition
ANG	Air National Guard
APT	Airport
ASW	Anti-Submarine Warfare
BN	Battalion
BOMB	Bombardment
CBT	Combat
CDEC	Combat Development Experimentation Command
CINCPAC	Commander in Chief, Pacific
CIV	Civilian
CMD	Command
CNTL	Control
COMM	Communications
CONST	Construction
CSOC	Consolidated Space Operations Center
CTR	Center
DEV	Development
DIA	Defense Intelligence Agency
DIV	Division
DLA	Defense Logistics Agency
DMA	Defense Mapping Agency
ED	Education
ELEC	Electronic
ENG	Engineering
FAC	Facility
FED	Federal
FLD	Field
FMF	Fleet Marine Force
FORSCOM	Forces Command (Army)
FWD	Forward

GD	Ground
GP	Group
GRND	Ground
HELO	Helicopter
HQ	Headquarters
IAP	International Airport
ICP	Inventory Control Point
INST	Institute
IPAC	Intelligence Command, Pacific
LANT	Atlantic
LOG	Logistics
MAB	Marine Amphibious Brigade
MAC	Military Airlift Command
MAG	Military Airlift Group (Air Force)
MAG	Marine Air Group (Marine Corps)
MAP	Municipal Airport
MAW	Marine Air Wing
MC	Marine Corps
MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCCES	Marine Corps Communications and Electronics School
MECH	Mechanized
MED	Medical
MEDCOM	Medical Command
MIL	Military
MSL	Missile
NARF	Naval Air Rework Facility
NAS	Naval Air Station
NATO	North Atlantic Treaty Organization
NAV	Naval
NSA	National Security Agency
OFF	Officer
OPS	Operations
OPNS	Operations
PAC	Pacific
PAVE PAWS	Phased-Spray Radar
PERS	Personnel
PROC	Procurement
PROD	Production
PROF	Professional
PROJ	Project
PT	Point
PUB	Public

R&D	Research and Development
RAF	Royal Air Force
RC	Reserve Component
RDT&E	Research, Development, Test and Evaluation
REC	Recreation
RECON	Reconnaissance
REG	Regional
RES	Reservation
SCH	School
SPT	Support
SQ	Squadron
STA	Station
STRAT	Strategic
SUB	Submarine
SUP	Supply
SURV	Survival
SYS	System
T&E	Test and Evaluation
TAC	Tactical
TAC	Tactical Air Command (Air Force)
TNG	Training
TRADOC	Training and Doctrine Command (Army)
TRP	Troop
USAF	U.S. Air Force
USAREUR	U.S. Army, Europe
USMA	U.S. Military Academy
USMC	U.S. Marine Corps
WG	Wing
WKS	Works



TABLE V

## INSTALLATION DEFENSE PLANNING AND PROGRAMMING (IDPP) CATEGORIES

<u>IDPP #</u>	<u>CATEGORY</u>
Strategic Forces	
101	Strategic
103	Intelligence and Communications
105	Guard and Reserve
106	Research and Development
General Purpose Forces	
202	General Purpose
204	Airlift/Sealift Forces
205	Guard and Reserve
Auxiliary Forces	
303	Intelligence and Communications
306	Research and Development
307	Central Supply and Maintenance
Mission Support Forces	
401	Strategic
402	General Purpose
Central Support Forces	
507	Central Supply and Maintenance
508	Training, Medical and Other Personnel Activities
509	Administration and Associated Activities

## CHAPTER TWO

### ARMY BASE STRUCTURE

#### I. INTRODUCTION

The Army Base Structure Chapter to the Manpower Requirements Report for FY 1989 is submitted in compliance with Section 115 of Title 10, United States Code. This chapter is comprised of six basic sections. Section I is the Introduction. Section II, Base Structure Overview, discusses historical data on the base structure and related manpower trends, outlines the factors which have influenced the Army base structure from World War II to the current date, and details the criteria expected to apply to installation planning for the next 20 years. Section III relates the needs of the major activities within each Installation Defense Planning and Programming (IDPP) category to the current base structure. Major changes to the FY 1989 base structure are also described. Section IV gives a breakdown of projected Army Base Operations Costs for FY 1989. Section V summarized recent major actions taken to reduce Base Operations Costs and outlines criteria which would apply to such actions in the future.

Section VI consists of the listing of the installations, activities, and properties comprising the base structure.

It should be noted that many large installations have multiple missions and that primary missions shown in Section VI are not necessarily all inclusive. For instance, Fort Knox, Kentucky, supports the Armor School, an Army Training Center, and a major combat unit. The following definitions were used to distinguish the various categories of installations:

A major installation is defined as a contiguous parcel of land with facilities and improvements thereon having a command and control organization providing a full range of BASOPS functions in support of assigned missions.

A minor installation is defined as an installation which is under the command of and receives resources support from the commander of another installation which is geographically distant.

Other real property holdings are defined as other Army controlled parcels of land and improvements thereon noncontiguous to a major or subinstallation such as training areas, test areas, family housing complexes, and other special lands.

It should also be noted that the list of installations (Section VI) does not include all Army owned properties. Excluded are properties such as US Army Reserve sites, small housing areas, and non-populated sites such as noncontiguous training areas or staging areas.

## II. BASE STRUCTURE OVERVIEW

The mission of the U.S. Army is to organize, train, and equip for prompt and sustained combat coincident with operations for effective prosecution of war. That mission entails a wide variety of functions requiring both general and specialized base structure support.

The Army supports that mission from an essentially fixed base structure which has evolved from past requirements. The current base structure was shaped by the demands of World War II and the Korean War. While the force structure, weapons technology, and tactics have continually changed, the face of the base structure, the inherent land and real property assets of individual installations have remained constant. Within that framework there have been efforts to improve and optimize the base structure to meet the current needs of the Army.

Stationing decisions for Army units and operations are made to optimally balance mission requirements with the base structure available. Review of Army requirements and efforts for efficiency of operations lead to the recommendation for partial or total closure of 115 installations and the consolidation of missions at others.

Because of the investment in land, facilities, and infrastructure, the Army is basically tied to its existing assets to support its current and proposed force structures. Due to aging base structure and constrained land assets, the Army is defining base structure support as the best mix of maintaining the current facilities, correcting maintenance and repair deficiencies, facilities revitalization through renovation or replacement, and new construction. Efficiency of operations and maximizing utilization of existing assets is being stressed. Base structure is changing, however, to allow for installation adaptability to evolving Army missions, equipment and doctrine, with mission focus at installations which will allow for more effective allocation of resources in the future.

The following factors will govern Army installation planning for the next 20 years.

1. Population Migration - The concentration of the U.S. population is projected to move toward the southern and western states. This will lead to potential conflict for land use between the Army and private interests in those areas. In light of the projected land restrictions and increased real estate costs, future land requirements must be identified and the rights acquired as soon as possible.

2. Socio-Economic and Environment Encroachment - Commercial and environmental interests will increasingly create pressures on our installations to divest real estate or restrict utilization. The Army must recognize this and move to emphasize innovative

land use, improve comprehensive planning, and cooperative land use planning with surrounding local governments.

3. Political Interest - A national consensus exists in favor of Defense economy and efficiency that will drive close scrutiny of base operations. There will be escalating pressure for base closures and realignments.

4. Changes in Overseas Forces - Conventional arms control agreements could result in the removal of U.S. forces from Europe or from other theaters. Similarly, changes in alliances could make facilities in some countries unavailable to Army forces. For example, the Panama Canal Treaties require the U.S. to withdraw all forces from Panama by 1999. In addition, the U.S. could decide unilaterally to withdraw forces from various regions of the world. The U.S. strategic lift capability might change and allow some strategic commitments to be met from CONUS. In such instances, significant numbers of U.S. Army troops formerly stationed CONUS might be moved home. Appropriate facilities would have to be provided.

5. Technology Impacts - Many Army installations are dependent upon existing technologies. Expanding technologies will impact the infrastructure of the installations as communications systems change; transportation nets are abandoned, such as railroads which formed the major transportation systems for many installations, and new weapons and training strategies change facilities requirements.

6. Revitalization of Real Property - Total Army readiness is determined by the quality of soldiers, lethality and operational effectiveness of weapon systems, and the condition of real property which supports all Army operations and missions. The deteriorating condition of Army facilities and infrastructure must be checked and a commitment to a revitalization program made to assure future Total Army readiness.

Emphasis must be placed on continued improvement in planning toward the future organization, physical structure, modernization, and location of Army installations and activities. These considerations will undoubtedly entail significantly increased costs in both the planning and implementation phases of these actions. The continuing decrease in undeveloped land demands sophisticated planning for the acquisition, use, and release of Army property.

The preceding broad factors are mainly oriented toward retention and/or expansion of the existing Army base structure overall. In the event adjustments are required within the existing structure due to or other factors, the following specific criteria would, in varying degrees, be applied to future realignments actions.

1. MISSION REQUIREMENTS. The stated or postulated mission requirements of specific activities, within the context of the entire force structure, should be the principal factors which drive choices among stationing alternatives. They are the baseline against which all other factors must be weighed. Mission requirements may be increased by new weapon systems which require more training land/space.

2. BUDGET/MANPOWER CONSTRAINTS. These inseparably related factors are the principal limitation to attaining and maintaining a particular base structure at all levels. They can influence decisions on retention of individual structures or retention of entire installations.

3. COST SAVINGS. A major objective of the Army is to accomplish the assigned mission at the least cost. Where otherwise comparable alternatives exist the true "least cost", both in terms of dollars and manpower, must be selected. Typically, an installation closure will not produce total savings of its annual base operations costs because continuing activities will have to be accommodated elsewhere, in-house, or by other means, such as by contract unless there is a decrease in force structure.

4. PERSONNEL TURBULENCE. The adverse impact of military and civilian personnel turbulence must be given consideration because of both the high costs and the adverse effect on morale, productivity, and readiness.

5. CIVILIAN LABOR MARKET. Some Army missions involve utilization of a highly specialized and unique civilian work force, characterized by deep roots in the local community and a reluctance to relocate with the transfer of the functions they perform. The lack of an adequate labor market thus becomes a factor in evaluating proposed realignment actions.

6. FACILITIES/HOUSING AVAILABILITY. Maximum utilization of existing facilities with minimum expenditures for new facilities is a major goal in all realignment actions. This includes both mission related facilities and support facilities on-post and available housing both on-post and off-post. Large capital investments for replacement facilities mitigate against relocation of activities which require highly specialized, high cost facilities or, in the case of major combat units, large land areas.

7. CAPITAL INVESTED. This factor is directly related to the preceding factor. In the past, having made a large capital investment in facilities at a particular installation, the Army tends to be tied to that installation. With current emphasis on efficiency of operation and the trend toward mission focus at installations while retaining future adaptability, previous capital investment is being regarded more as a sunk cost. Future Army needs versus installation costs of operations and

maintenance is becoming the deciding factor for retention and expansion of an installation.

8. GEOGRAPHIC LOCATION. The geographic location influences the ability of assigned forces to execute their mission. Weather, terrain, proximity to air and surface transportation, etc., all contribute to retention of installations which enhance operational effectiveness. Likewise, selection of new installations for stationing must take all of these geographically related factors into account.

9. LAND AREA. The need for adequate and suitable land area to support major combat units and their supporting forces is a major consideration. Bases must be capable of supporting the readiness and deployment training of the assigned forces as envisioned in the United States strategy. This requirement often determines which bases will be retained in the active inventory.

10. IMPACT ON OTHER SERVICES/AGENCIES. The Army provides support to many units and activities of the Department of Defense and other Federal agencies. Inherent in any base realignment action is consideration of the impact on those agencies.

11. COMMUNITY IMPACT. Civilian support resources (e.g., community housing, medical facilities, schools, and recreational facilities) are a consideration in developing base realignment actions. Of particular importance is family housing. Adequate support should exist either on or off a gaining installation to avoid a realignment action being counter-productive in terms of morale. Conversely, realignment actions which reduce the Army presence in an area may cause serious impact on civilian communities, particularly those in which the major source of the economic base is the military installation. When possible, realignment actions are designed to minimize the impact on local communities.

12. ENVIRONMENTAL IMPACT. All realignment actions must be assessed to determine their impact on the environment as required by the National Environmental Policy Act (NEPA). This may necessitate preparation of an Environmental Assessment (EA) or an Environmental Impact Statement (EIS). Additionally, an Environmental Baseline Study (EBS) must be conducted in accordance with the EBS protocol in AR 200-1. An EBS is a comprehensive evaluation of the existing environmental conditions conducted on real property for which a transaction is proposed, whether or not controlled by the Army, or on Army-controlled property for which an operating contract, facility contract, or third-party contract is being considered. An EBS should be conducted early in the transaction planning process so that the Army proponent can be informed of any environmental contamination associated with the property, consider any potential adverse impacts on the affected community or environment, and determine any potential environmental liabilities related to the proposed transaction or use.

13. ENERGY RESOURCE IMPACT. An initial assessment addressing such factors as energy requirements, availability, and cost must be made to determine the potential energy impact of installation realignments, reductions, or closures.

14. RESERVE COMPONENTS SUPPORT. The increased emphasis on the utilization of Reserve Component forces to meet future contingency requirements must be considered. These units are generally constituted in areas where there are population resources. Their readiness depends on, among other things, access to adequate local ranges and training areas not only of the proper size and configuration, but also within reasonable commuting distance. Many of our bases, both active and inactive, are used extensively for support of these units both for weekend training and annual training. The impact on these type units is an integral part of any analysis.

15. MOBILIZATION, DEPLOYMENT, AND CONTINGENCY REQUIREMENTS. The type and number of bases required are determined by the need to support the strategy directed by national policy and the operational and training requirements of the Army. The base structure must provide sufficient flexibility to support various contingencies, to include the expansion of the training base, when required, to provide sufficient trained personnel to meet contingencies.

16. COMPREHENSIVE LAND USE PLANNING. Army installations can no longer consider themselves remote and free from influence on or from surrounding communities. There are, therefore, potential adverse impacts on required airspace and installation mission accomplishment. Urban expansion is a problem with which an installation must deal. Installations and local government agencies must coordinate land use planning and zoning to assure future installation viability and desired growth patterns for local communities. With introduction of new weapon systems and changes in training and operations procedures, some installations may be forced to grow in size necessitating a look at establishing buffer zones and land use zoning that will allow for future expansion of the installations.

17. LONG-RANGE PLANS. Redistribution and reconfiguration of Army force rather than an expansion of force structure is likely to influence base structure in the long term. Requirements for ranges and maintenance infrastructure will undoubtedly change as new weapons and equipment are introduced into tactical units. Changes in the ratio of personnel in units will cause "reconfigurations" of units that create new demands on base structure. Finally, redistribution of units--the arrival of units returning from CONUS--will also create demands on the base structure.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The Army's major combat mission elements use their portion of the base structure both for training, quartering of personnel, and maintenance of equipment in preparation for the combat mission, and then as a sustaining base in the event of actual conflict.

Overseas deployed units should be located in close proximity to the area of their anticipated wartime mission. The precise locations, however, are determined by what the host government can and will make available. Major factors impacting on decisions for overseas base structure support include mission requirements, political considerations, host nation support, and the availability of U.S. funding.

The stationing of divisions and other major tactical units is given priority consideration based on such critical factors as the presence of adequate maneuver, training space and ranges, the availability of housing and support, and restricting environmental impacts. Since stationing choices are of necessity made from existing installations originally acquired to meet less demanding past conditions, these stations involve some compromise of currently forecasted ideal conditions. As noted in Section II, modernized forces are presently "outgrowing" their installations. For those divisions having prepositioned unit equipment in overseas theaters, precise location in CONUS vis-a-vis the primary wartime mission is no longer a major consideration. Strategic airlift can move personnel and their individual equipment east or west with minimal significant time differential. For units scheduled to move by surface transport with full equipment, later in a particular deployment scenario, location within the CONUS is still a consideration.

The CONUS logistics base structure, to include installations with research and development as primary missions, is also largely evolutionary. It is what remains of World War II mobilization, created at widely dispersed locations in anticipation of enemy attack against the homeland. Much rationalized and modernized, it is serviceable and capable of performing its mission of supporting deployed forces.

#### STRATEGIC FORCES (100)

##### Base Requirements:

The basing of strategic forces is confined primarily to communications type activities which are normally satellited on installations for logistical support.



## GENERAL PURPOSE FORCES (200)

### Base Requirements:

The Army must train the way it will fight. The battalion task force, the lowest level at which all elements of the combined arms team come together, must regularly practice offensive and defensive tactics deployed on frontages and depths comparable to those expected in wartime. When battalions have demonstrated critical task proficiency, brigade exercises should be conducted so as to bring into play the full range of fire support, operations, and logistical contingencies. Division commanders should deploy critical elements of their commands in order to exercise an appropriate range of combined arms operations in a joint setting.

Units without prepositioned equipment overseas should be located at installations in proximity of, or having easy access to air and surface transportation and the port of embarkation (sea and air) from which they are most likely to deploy, in order that they can respond quickly to early deployment requirements. Units should also be stationed in proximity to the coasts and borders of the Nation to be in position to counter threats to CONUS, yet they must have sufficient land to train and fire their weapons. They should not be stationed near heavily populated areas, industrial complexes or other strategic targets. The surrounding area should offer sufficient space for dispersal to ensure that the unit itself does not present an inviting military target and is afforded a reasonable degree of survivability. Training areas should provide the force with a wide array of climatological and topographical features in which to train and which represent a cross-section of the world's environments.

Active installations should be located so as to readily accommodate Reserve Component units in the event of mobilization, without necessitating excessive movement and delay from home mobilization stations. Implicit also in the mobilization stationing requirement is the necessity for providing Reserve Component units with annual training and inactive duty training sites.

In the continental United States, the major active combat units are: 11 divisions (includes six divisions with two active brigades and one reserve component (RC) roundout brigade), two separate brigades, an air cavalry combat brigade, an infantry (Ranger) regiment, and an armored cavalry regiment. Two of the divisions have forward brigades in Germany. The units are structured for a variety of environments and missions. The goal is to maintain a force which is available for rapid commitment.

In Europe, four divisions, two forward deployed and one special mission brigade, and two armored cavalry regiments maintain the high level of readiness necessary to permit an immediate response to any aggression against the NATO alliance.

In the Pacific, the divisions in the Republic of Korea and Hawaii are ready to perform their assigned combat mission. Recently the Army formed the 6th Infantry Division (Light) in Alaska from the existing 172nd Infantry Brigade. It has two active brigades in Alaska and one RC roundout brigade.

There is one special mission brigade in Panama. Treaty requirements will cause the full withdrawal of U.S. forces from Panama by 1999; however, with the reaction capabilities of forces remaining in the Pacific and Alaska, ready response to any contingency which might arise in these areas is considered possible.

All ten Army National Guard divisions, 17 combat brigades (five of which roundout active divisions), and four armored cavalry regiments are located in the Continental United States. Additionally, one combat brigade is located in Hawaii and one combat brigade is located in Puerto Rico. The Army Reserve has three combat brigades in the United States. Both the Army National Guard and the Army Reserve major combat units provide the Total Army a substantial combat force. The following depicts stationing of Active and Reserve Components divisions:

#### Active Divisions

#### Location

1st Infantry (Mechanized) <u>1/</u>	Fort Riley, Kansas
2d Infantry <u>3/</u>	Camp Casey, Korea
3rd Infantry (Mechanized) <u>3/</u>	Wurzburg, Germany
4th Infantry (Mechanized) <u>2/</u>	Fort Carson, Colorado
5th Infantry (Mechanized) <u>2/</u>	Fort Polk, Louisiana
6th Infantry (Light) <u>2/</u>	Fort Wainwright, Alaska
7th Infantry (Light)	Fort Ord, California
8th Infantry (Mechanized) <u>3/</u>	Bad Kreuznach, Germany
9th Infantry (Motorized) <u>2/</u>	Fort Lewis, Washington
10th Infantry (Light) <u>2/</u>	Fort Drum, New York
24th Infantry (Mechanized) <u>2/</u>	Fort Stewart, Georgia
25th Infantry (Light)	Schofield Barracks, Hawaii
1st Cavalry <u>2/</u>	Fort Hood, Texas
1st Armored <u>3/</u>	Ansbach, Germany
2d Armored <u>1/</u>	Fort Hood, Texas
3rd Armored <u>3/</u>	Frankfurt, Germany
82d Airborne	Fort Bragg, North Carolina
101st Airborne (Air Assault)	Fort Campbell, Kentucky

#### Army National Guard Divisions

#### Locations 4/

26th Infantry	Massachusetts/Connecticut
28th Infantry	Pennsylvania
29th Infantry (Light)	Virginia/Maryland
35th Infantry (Mechanized)	Kansas/Nebraska/Missouri/Kentucky
38th Infantry	Indiana/Michigan
40th Infantry	California
42d Infantry	New York
47th Infantry	Minnesota/Iowa/Illinois
49th Armored	Texas
50th Armored	New Jersey/Vermont

1/ One brigade deployed forward

2/ Roundout division

3/ Locations shown are division headquarters. Units are dispersed at multiple sites.

4/ First state listed is division headquarters

Nondivisional combat general purpose forces are distributed throughout the base structure with emphasis on providing balanced forces at the major combat unit installations.

The Army also maintains semiactive installations which are required primarily for the support of training of the Reserve Components and for mobilization. In addition, there are State-owned/leased installations which are required for support of weekend and annual training, and mobilization. Active component installations also perform these functions but are not adequate to satisfy the total requirement. The Army cannot fulfill full mobilization requirements in the time frame envisioned under current strategy unless these installations are maintained. Access to additional acreage for maneuver purposes will be essential to the extensive training required to make the mobilized force fully combat ready.

Terminal and outport functions are under the Military Traffic Management Command (MTMC), which has area command headquarters at Bayonne, New Jersey and Oakland, California. Each area command headquarters commands a military ocean terminal for general cargo at its respective location and military outports at various commercial ports. The DoD transportation mission is accomplished almost exclusively by utilizing commercial resources. The military ocean terminals, which are shared with industry during peacetime, will be returned to military use when needed. Hazards involved in moving ammunition require that separate Government-owned terminals be maintained.

#### AUXILIARY FORCE (300)

##### Basing Requirements:

Research, development, testing, and evaluation (RDT&E) of Army material, weapons, and support systems are accomplished primarily by the US Army Material Command, Strategic Defense Command (SDC), US Army Medical Research and Development Command, and US Army Corps of Engineers. Accomplishment of these missions requires availability of numerous test facility complexes, laboratory and research facilities, and administrative headquarters facilities. These facilities are either operated as RDT&E installations/activities or as tenant facilities on other than RD&TE installations. Generally, these research and testing facilities require a highly sophisticated equipment inventory and work force. Facilities devoted to testing are usually located in remote areas necessitating maintenance of a constant on-site work force. These facilities are an integral part of the Army's overall material development and acquisition mission and significantly contribute to the attainment of US efforts to maintain a lead in weapon systems technology.

The US Army Information System Command (USAISC) provides Army-wide non-tactical Information Mission Area support. To provide Information Mission support, USAISC requires tenant

facilities at most installations. The primary subdisciplines include non-tactical communications, automation, records management, printing and publication, and audio visual. Additionally, installations are used by USAISC to support the Defense Communications System and Army command and control requirements.

#### MISSION SUPPORT FORCES (400)

##### Basing Requirements:

To provide adequate command, control, and management of Army resources, it is essential that necessary administrative space be available. These installations serve as homes for major command headquarters for units engaged in supervising Reserve Component training and readiness, and for unique specialized functions. They require a highly sophisticated work force not normally found at remote locations and rapid modes of close-in transportation. They are integral part of the Total Army and significantly contribute to the attainment of a combat ready Army.

#### CENTRAL SUPPORT FORCES (500)

##### Basing Requirements:

Since 1813, arsenals have been the continuing centers of the preservations of unique skills required for the defense of the United States. Their role has evolved from one of manufacturing, storage, and maintenance of weapons to one of serving as the nuclei from which private industry obtained "know-how" to mass produce a multitude of products used in war. More recently, their manufacturing activities have been limited to production of very small quantities of items where a producer in private industry could not be found. Their primary mission is to support the research and development program by providing the capability to build prototype research and development items and to provide a production base in the event of mobilization. A second major area of production type bases is the Government-owned, contractor-operated (GOCO) plants used in the production of munitions, tanks, aircraft, electronics, and missiles. A number of these are presently in standby/layaway status. The fact that these plants are contractor-operated provides the Army the flexibility to more readily expand or contract our capability consistent with requirements. Continued modernization of these plants is essential to assure a viable capability attuned to prospective needs.

Depot storage and maintenance requirements consists of:

1. Wholesale depots which have the responsibility for the storage, maintenance, and distribution of major items; including storage of go-to-war stocks for Reserve Component forces. These

depots may also have the additional requirement for safe storage, maintenance, distribution and, in some cases, demilitarization of explosives, special weapons, and toxic and chemical material.

2. Distribution depots which have the responsibility for supporting assigned geographic areas, both CONUS and overseas, for storage and distribution of secondary items. In some instances, they have maintenance activities and may continue to have this mission in the future

Service schools have the primary mission of replenishing forces with trained personnel in peacetime and maintaining a wartime expansion capability to support mobilization. Driven by improvements in communicative technology and by the need to conduct training relevant to new organizations, tactics, and weapons systems, these schools will aim at establishing centers of excellence for the training and doctrine of all branches.

The initial entry level training centers will develop and administer programs of instruction driven by the same factors discussed above for Service schools.

Medical facilities and activities provide health services to active Army forces and other authorized beneficiaries. Station (community) hospitals provide basic and general ambulatory and inpatient health services. In addition to basic and general health services, Army medical centers provide regional specialty and sub-specialty consultative and referral health services for the Army, as well as other Military Services and Federal agencies. Medical centers also provide the primary capabilities for care of casualties in the event of contingencies or mobilization and the source of graduate, specialized, and technical training for health professionals and technicians that suffer Army field forces and station hospitals.

#### INDIVIDUALS (600)

The Army has no major installations falling into this IDPP category.

#### **IV. BASE OPERATIONS COSTS (BOS) COSTS FOR FY 1991**

A summary of the FY 1991 Estimated Base Operations Costs as defined in the introduction follows the narrative.

#### **V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS**

The Army continues an active program to promote management efficiencies and to consolidate or eliminate functions in order to reduce base operations costs. A number of these will affect the FY 1991 budget:

1. BASE CLOSURES. In its effort to promote efficiency, the Army has done an analysis of installations to combine activities,

where cost effective, and to close installations considered unnecessary for continued Army operations and mission accomplishment. Base closures will result in substantial cost savings to the Army as well as generating revenue by the sale of excess property.

2. ORGANIZATIONAL EFFICIENCY REVIEWS. The Army conducts efficiency reviews of organizations to create the most efficient organization using more efficient methods of performing required work. These studies are conducted on both non-contractible and contractible functions. In the case of the latter, a contractor is selected whose costs are then compared to the government costs.

3. PRODUCTIVITY CAPITAL INVESTMENT PROGRAMS. These programs include the Quick Return on Investment Program, Productivity Enhancing Capital Investment Program, and the use of OSD Productivity Investment Funds. Under the Productivity Capital Investment Program, money is set aside for fast payback capital tools, equipment, and to improve readiness. Modernized equipment and facilities provided through these programs raise organizational productivity and improve the quality of support services. In addition, troops are trained with state-of-the-art equipment leading to a more ready force. Equipment purchased under these programs include loading ramps; weapons training simulators; hand-held radios which assisted in the Grenada incident; and asphalt reclaimers. For every \$1 invested, \$17 is returned in benefits over the economic life of the item purchased. A positive environment is created for Army leaders through opportunities to obtain modern equipment and facilities; to reapply manpower and dollars toward other priority initiatives; to motivate the work force; and to achieve an efficient and cost effective organization. These achievements will assist the Army in meeting the President's productivity goal of three percent per year.

4. VALUE ENGINEERING (VE). The Value Engineering Program enhances productivity by eliminating unnecessary functions that contribute to costs of weapon systems, equipment, or processes, but not to performance. VE takes advantage of state-of-the-art technology to produce cost savings for the Army. Value Engineering Incentive clauses are included in all contracts of \$100,000 or more and contractors are encouraged to submit resource conserving Value Engineering Change Proposals (VECPs) to reduce contract costs. The contractor's incentive is that he shares up to 50 percent of the net savings resulting from accepted and implemented VECPs. Value Engineering plays a significant role in achieving the President's goal to increase productivity three percent per year. VE Program averages a return on investment of \$15 for each dollar invested.

5. ENERGY CONSERVATION. The Army used approximately 15 percent of the total energy consumed by DoD in FY 88 at a cost of

1.06 billion dollars. In FY 88 the Army reduced total energy use by 4.9 percent over FY 85 levels of consumption.

The Army has continued to reduce energy consumption during FY 85 - FY 88 with an estimated cost avoidance for this period of 210.5 million dollars.

6. INSTALLATION MANAGEMENT: The Installation Management and Base Support Mission is to provide support (goods and services) to authorized activities and personnel assigned to or located in the installation geographical support areas; to operate and maintain the significant physical plant; and to provide the capability to rapidly expand and support the transition to war, and to support the effort during wartime.

At the Headquarters, Department of Army level, the proponent for installation management and Base Operations (BASOPS) is the Director of Management. He is the spokesman for the installation commanders. As the proponent, he has been charged with the integration of BASOPS policies and resources.

The Standard Installation Organization policy provides the basis for the link between resources and policies; it aligns resources with the specific staff directorates found at the installation level. Currently, special emphasis is placed on the development of a strategy for aligning current installation capabilities with emerging requirements that would impact on the BASOPS support plan through the year 2000. Base Realignment and Closures are planned and implemented to support an overall stationing plan which is driven by the strategy and structure of the Army.



ARMY

BASE OPERATING SUPPORT COSTS  
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories &amp; Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
Strategic Forces	-	-	-	-
General Purpose Forces	1,650.1	11.1	2,728.3	4,389.5
Intell/Communication	95.4	-	-	95.4
Airlift/Sealift	-	-	-	-
Guard & Reserve Forces	341.2	3.7	-	344.9
Research & Development	427.2	-	-	427.2
Central Supply & Maintenance	596.4	1.3	68.4	666.1
Training, Medical, & Other General Purpose Activities	1,544.5	-	-	1,544.5
Administration & Assoc. Activities	84.4	-	-	84.4
Support to Other Nations		-	-	-
<b>SUBTOTAL</b>	4,739.3	16.1	2,796.7	7,552.0
Construction	856.9	-	256.2	1,113.1
Family Housing O & M	<u>724.5</u>	<u>-</u>	<u>819.2</u>	<u>1,543.7</u>
<b>TOTAL</b>	6,320.6	16.1	3,872.1	10,208.8

SUMMARY OF NUMBER OF ARMY INSTALLATIONS

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
INTELLIGENCE AND COMMUNICATIONS (103)				
GENERAL PURPOSE (202)	1	0	0	1
AIRLIFT/SEALIFT FORCES (204)	19	0	45	64
GUARD AND RESERVE (205)	3	0	1	4
INTELLIGENCE AND COMMUNICATIONS (303)	10	0	0	10
RESEARCH AND DEVELOPMENT (306)	5	0	1	6
GENERAL PURPOSE (402)	13	1	0	14
CENTRAL SUPPLY AND MAINTENANCE (507)	8	0	4	12
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	30	0	3	33
	28	0	0	28
TOTAL ARMY	117	1	54	172

Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Cat	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
ALABAMA								
	ANNISTON ARMY DEPOT	ANNISTON	507 1		59	4188	4247	15246 LOGISTICS DEPOT
	MCCLELLAN, FORT	ANNISTON	508 1		7976	1446	9422	41639 MIL POLICE SCHOOL & TNG CTR
	RUCKER, FORT	DALEVILLE	508 1		6974	3612	10592	61073 AVIATION CENTER & SCHOOL
	REDSTONE ARSENAL	HUNTSVILLE	306 1		3662	18342	22004	38413 ROCKET&GUIDED MSL,R&D,SCH&CTR
ALASKA								
	RICHARDSON, FORT	ANCHORAGE	202 1		4673	1212	5885	61467 172ND INFANTRY BRIGADE
	GREELY, FORT	FAIRBANKS	202 3		397	262	659	639085 R&D TEST CENTER(ARTIC TNG CTR)
	WAINWRIGHT, FORT	FAIRBANKS	202 1		4861	1008	5869	656250 172ND INFANTRY BRIGADE
ARIZONA								
	HUACHUCA, FORT	SIERRA VISTA	303 1		6614	3942	10556	73517 COMM CMD&INTELLIGENCE SCH
	YUMA PROVING GROUND	YUMA	306 1		314	879	1193	010966 R & D TEST CENTER
ARKANSAS								
	CHAFFEE, FORT	FORT SMITH	205 3		50	342	392	72337 RC & ACTIVE ARMY TNG (I)
	PINE BLUFF ARSENAL	PINE BLUFF	507 1		78	1213	1291	14939 PRODUCTION
CALIFORNIA								
	IRWIN, FORT	BARSTOW	202 1		3849	758	4607	636457 NATIONAL TRAINING CENTER
	SIERRA ARMY DEPOT	HEPLONG	507 1		362	634	996	36313 LOGISTICS DEPOT
	HUNTER LIGGETT, FORT	JOLON	202 2		479	56	535	164636 DIV TNG-CDEC EXPERIMENTATION
	AFRC, LOS ALAMITOS	LOS ALAMITOS	205 3		129	443	572	1287 RESERVE COMPONENT TRAINING
	MONTEREY, PRESIDIO OF	MONTEREY	508 2		3613	1196	4809	392 DEFENSE LANGUAGE SCHOOL
	OAKLAND ARMY BASE	OAKLAND	204 1		229	2164	2393	559 HARBOR & PORT

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
United States  
FY 1991

Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Mil.	Cit.	Tot. Acreage	Major Unit Activity Function
COLORADO	ROBERTS, CAMP ANNEX	PASO ROBLES	205 3	*	*	22	COMMUNICATIONS
	SACRAMENTO ARMY DEPOT	SACRAMENTO	507 1	390	3271	3661	LOGISTICS DEPOT
	SAN FRANCISCO, PRESIDIO OF	SAN FRANCISCO	402 2	2189	2938	5127	HQ&ADMIN/LETTERING ARMY MED CTR
	ORD, FORT	SEASIDE	202 1	15280	2576	17856	7TH INFANTRY DIVISION (MECH)(-)
	SHARPE ARMY DEPOT	STOCKTON	507 1	75	1286	1361	LOGISTICS DEPOT
GEORGIA	DEFENSE DEPOT, TRACY	TRACY	507 2	15	1566	1581	LOGISTICS DEPOT (DLA)
	FITZSIMONS ARMY MEDICAL CENTER	AURORA	508 1	1878	1770	3648	HEALTH CARE
	CARSON, FORT	COLORADO SPRGS	202 1	15938	2155	18093	4TH INFANTRY DIVISION (MECH)
	ROCKY MOUNTAIN ARSENAL	COMMERCE CITY	507 2	23	245	268	PRODUCTION-CHEMICAL
	PUEBLO ARMY DEPOT ACTIVITY	PUEBLO	507 1	8	689	697	LOGISTICS DEPOT
HAWAII	MCNAIR, FORT LESLIE J.	WASHINGTON	508 2	919	1361	2280	NATIONAL DEFENSE UNIVERSITY
	WALTER REED ARMY MEDICAL CTR	WASHINGTON	508 1	3156	4106	7262	HEALTH CARE
	MCPHERSON, FORT	ATLANTA	402 1	1560	2967	4527	FORSCOM HQ
	GORDON, FORT	AUGUSTA	508 1	12430	3131	15561	SIGNAL CENTER & SCHOOL
	BENNING, FORT	COLUMBUS	508 1	25281	4713	29994	THE INFANTRY CENTER & SCHOOL
HAWAII	GILLEM, FORT	FOREST PARK	402 2	573	4837	5410	SECOND ARMY HQ
	STEWART, FORT	HINESVILLE	202 1	14557	3756	18313	24TH INFANTRY DIV (MECH) (-)
	HUNTER ARMY AIRFIELD	SAVANNAH	202 2	3910	122	3932	24TH INFANTRY DIVISION TNG

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
United States  
FY 1991

State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot.	Total Acres	Major Unit Activity Function	Authorized Manpower	
									Full-time Permanently Assigned	Cat
HAWAII	POHAKULOA TRAINING AREA	HILO	202 3	60	57	117	109893	DIVISION TRAINING		
	DERUSSY, FORT	HONOLULU	205 3	*	554	554	73	ARMY RESERVE HQ		
	SCHOFIELD BARRACKS MIL RES	HONOLULU	202 1	13306	991	14297	13777	25TH INFANTRY DIVISION (-)		
	SHAFTER, FORT	HONOLULU	402 2	1067	2653	3720	170	HEADQUARTERS & ADMIN		
	TRIPLER ARMY MEDICAL CENTER	HONOLULU	508 1	1345	1001	2346	367	HEALTH CARE		
HAWAII	HELEMANO RADIO STATION	WAIKANA	303 3	470	*	470	281	COMMUNICATIONS		
	KUNIA FIELD STATION	WAIKANA	303 3	269	*	269	89	COMMUNICATIONS		
ILLINOIS										
MISSOURI	ST LOUIS AREA SUPPORT CTR	GRANITE CITY	402 1	72	220	292	895	COMMUNITY SUPPORT		
	SHERIDAN, FORT	HIGHLAND PARK	508 1	1514	1639	3153	695	RECRUITING COMMAND HQ		
MISSOURI	ROCK ISLAND ARSENAL	ROCK ISLAND	507 1	364	8279	8643	907	R&D, PRODUCTION-TANK COMPONENTS		
	SAVANNA ARMY DEPOT ACTIVITY	SAVANNA	507 1	22	685	685	13062	LOGISTICS DEPOT		
INDIANA										
INDIANA	ATTERBURY RESERVE TNG AREA	EDINBURG	205 3	*	*	*	33467	RESERVE COMPONENT TRAINING		
	HARRISON, FT BENJAMIN	INDIANAPOLIS	508 1	4288	4573	8861	2501	US ARMY INST OF PERSONNEL MGT		
INDIANA	JEFFERSON PROVING GROUND	MADISON	304 3	14	411	425	55264	R&D AMMO TEST CENTER		
	KANSAS									
KANSAS	RILEY, FORT	JUNCTION CITY	202 1	15714	2271	17985	100979	1ST INFANTRY DIV (MECH) (-)		
	LEAVENWORTH, FORT	LEAVENWORTH	508 1	4499	2291	6790	6995	CMD & GENERAL STAFF COLLEGE		
KENTUCKY										
KENTUCKY	CAMPBELL, FORT	CLARKSVILLE, TN	202 1	22762	2564	25226	105397	101ST AIRBORNE DIVISION		
	LEX. BLUEGRASS ARMY DEPOT ACT	LEXINGTON	507 1	103	2214	2317	780	LOGISTICS DEPOT		

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
United States  
FY 1991

Authorized Manpower  
Full-time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Total	Major Unit Activity Function
KNOX, FORT		LOUISVILLE	508 1	19497	4305	23802	10720	US ARMY TRAINING CENTER
LOUISIANA								
POLK, FORT		LEESVILLE	202 1	15741	2763	18504	198325	5TH INFANTRY DIV (MECH) (-)
MARYLAND								
ABERDEEN PROVING GROUND		ABERDEEN	306 1	6678	8256	14934	72518	R&D TEST CTR, ORDNANCE SCH&CTR
HARRY DIAMOND LABORATORIES		ADELPHI	306 3	3	656	659	137	R&D ACTIVITIES
MEADE GEORGE G, FORT		BALTIMORE	402 1	7684	26463	34147	13457	HEADQUARTERS & ADMIN, NSA
DMA HYDRO/TOPOGRAPHIC CTR		BROCKMONT	507 2	161	3441	3602	40	PROD OF MAPS & CHARTS (DMA)
RITCHIE, FORT		CASCADE	103 2	1054	1036	2090	638	COMMUNICATIONS
DETROIT, FORT		FREDERICK	306 2	848	3003	3851	1151	R&D ACTIVITIES
MASSACHUSETTS								
DEVENS, FORT		AYER	508 1	5982	1912	7894	9380	INTELLIGENCE TRAINING
SOUTH BOSTON SUPPORT ACTIVITY		BOSTON	402 3	195	1690	1885	14	RESERVE COMPONENT TNG-DLA SUP
USA NATICK RSCH & DEV CTR		NATICK	306 2	166	1118	1284	81	R&D ACTIVITIES
USA MAT & MECH RESEARCH CTR		WATERTOWN	306 2	14	537	551	48	R&D ACTIVITIES
MICHIGAN								
DETROIT ARSENAL		WARREN	306 2	307	5728	6055	261	R&D, PRODUCTION-TANKS
DETROIT ARSENAL TANK PLANT		WARREN	507 1	4	103	107	80	PRODUCTION-TANKS (C)
MISSOURI								
WOOD, FORT LEONARD		JEFFERSON CITY	508 1	16641	4572	21213	62911	US ARMY TRAINING CENTER
NEW JERSEY								
MIL OCEAN TERMINAL-BAYONNE		BAYONNE	204 1	188	1808	1996	679	HARBOR & PORT

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
United States  
FY 1991

PAGE 5

Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot.	Total Acreeage	Major Unit Activity Function
NEW MEXICO	PICATINNY ARSENAL	DOVER	306 1	159	5451	5610	6491	R&D HEADQUARTERS
	MONMOUTH, FORT	RED BANK	306 1	2921	8359	11280	637	R&D HEADQUARTERS
	DIX, FORT	TRENTON	508 1	11953	2143	14096	31110	US ARMY TRAINING CENTER
	WHITE SANDS MISSILE RANGE	WHITE SANDS	306 1	1173	3697	4870	746720	R&D WEAPONS TEST CENTER
NEW YORK	HAMILTON, FORT	BROOKLYN	508 2	556	295	851	177	ADMIN & LOGISTICAL SUPPORT
	STEWART ANNEX	NEWBURGH	402 3	621	168	789	410	HOUSING
	SENECA ARMY DEPOT	ROMULUS	507 1	630	1053	1683	10661	LOGISTICS DEPOT
	DRUM, FORT	WATERTOWN	205 1	10943	1850	12793	107265	RC & ACTIVE ARMY TNG (1)
	WATERVLIET ARSENAL	WATERVLIET	507 2	11	2141	2152	140	R&D, PROD-ARTILLERY COMPONENTS
	WEST POINT MILITARY RES	WEST POINT	508 1	7013	2650	9663	15975	USMA-OFF ACQUISITION TNG
	NORTH CAROLINA							
	BRAGG, FORT	FAYETTEVILLE	202 1	42877	4433	47310	130696	82ND AIRBORNE DIVISION
	MIL OCEAN TERMINAL-SUNNY POINT SOUTHPORT	SOUTHPORT	204 2	13	278	291	16324	HARBOR & PORT
	OHIO							
OKLAHOMA	DEF CONSTRUCTION SUPPLY CTR	COLUMBUS	507 2	34	2215	2249	566	ICP & LOGISTICS DEPOT (DLA)
	SILL, FORT	LAWTON	508 1	18791	2954	21745	94221	US ARMY FLD ARTILLERY CTR&SC
OREGON	MCLESTER ARMY AMMO PLT	MCLESTER	507 3	17	918	935	44964	STORAGE-AMMO
	UMATILLA ARMY DEPOT ACTIVITY	HERMISTON	507 3	17	243	260	19729	STORAGE DEPOT
PENNSYLVANIA								

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
United States  
FY 1971

Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
INDIAN TERRITORY	INDIAN TOWER GAP, FORT	ANNVILLE	205 2	299	667	18032	RC & ACTIVE ARMY TNG (I)
	CARLISLE BARRACKS	CARLISLE	508 2	600	877	1477	403 US ARMY WAR COLLEGE
	LETTERKENNY ARMY DEPOT	CHAMBERSBURG	507 1	335	4789	5124	19511 LOGISTICS DEPOT
	NEW CUMBERLAND ARMY DEPOT	NEW CUMBERLAND	507 2	257	3492	832	LOGISTICS DEPOT
	DEFENSE PERSONNEL SUPPORT CTR	PHILADELPHIA	507 2	130	3972	4102	85 PROCSUP, CLOTHING, FACTORY (DLA)
SOUTH CAROLINA	TOBYHANNA ARMY DEPOT	TOBYHANNA	507 2	54	4489	4543	1293 LOGISTICS DEPOT
	JACKSON, FORT	COLUMBIA	508 1	15108	2246	17354	52537 US ARMY TRAINING CENTER
TENNESSEE	DEFENSE DEPOT, MEMPHIS	MEMPHIS	507 2	16	1991	2007	642 LOGISTICS DEPOT (DLA)
	CORPUS CHRISTI ARMY DEPOT	CORPUS CHRISTI	507 3	41	3903	3944	200 HELICOPTER MAINTENANCE
TEXAS	BLISS, FORT	EL PASO	508 1	17483	4642	22125	118218 AIR DEFENSE CENTER & SCHOOL
	SAGINAW ARMY AIRCRAFT PLANT	FT WORTH	507 3	5	300	305	155 PRODUCTION-HELO ASSEMBLIES (C)
	HOOD, FORT	KILLEEN	202 1	40160	4006	44166	216946 1ST CAVALRY DIV/2D ARMORED DIV
	SAN HOUSTON, FORT	SAN ANTONIO	508 1	10925	9376	20361	3159 MEDICAL TRAINING HQ
	RED RIVER ARMY DEPOT	TEXARKANA	507 2	54	5862	5916	19081 LOGISTICS DEPOT
UTAH	DUGWAY PROVING GROUND	DUGWAY	306 1	328	920	1248	802731 R&D TEST CENTER
	DEFENSE DEPOT, OGDEN	OGDEN	507 2	11	1536	1547	1326 LOGISTICS DEPOT (DLA)
	FORT DOUGLAS	SALT LAKE CITY	508 3	291	363	654	119 RECRUITING



DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
United States  
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Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPC Code	Mil.	Cil.	Tot.	Total Acreege	Major Unit Activity Function
SEVOTR, FORT	ALEXANDRIA	502 1	4953	6485	11456	8656	US ARMY ENGINEER CENTER & SCH	
CAMEROH STATION	ALEXANDRIA	507 2	323	4016	4339	168	HO DEFENSE LOGISTICS AGENCY	
ARLINGTON HALL STATION	ARLINGTON	303 1	345	666	1011	87	HO USAINSCOM ADMIN, DIA	
MYER, FORT	ARLINGTON	202 2	2827	166	3023	256	ADMIN & LOGISTICAL SUPPORT	
PICKETT, FORT	BLACKSTONE	205 2	22	286	368	45160	RC & ACTIVE ARMY TNG (I)	
A.P. HILL, FORT	BOWLING GREEN	205 3	112	224	336	76205	RC & ACTIVE ARMY TNG (I)	
MONROE, FORT	HAMPTON	508 1	1096	2707	3803	1069	TRADOC HEADQUARTERS	
EUSTIS, FORT	NEWPORT NEWS	508 1	8594	3179	11773	8323	TRANSPORTATION CENTER & SCHOOL	
LEE, FORT	PETERSBURG	508 1	8144	5052	13196	5633	US ARMY QUARTERMASTER DTP&SCH	
DEF GENERAL SUPPLY CTR, RICH.	RICHMOND	507 2	157	49	206	647	ICP & LOGISTICS DEPOT (DLA)	
VINT HILL FARMS STATION	WARRENTON	303 3	287	1181	2068	707	COMM & INTELLIGENCE ACT	
WASHINGTON								
LEWIS, FORT	TACOMA	202 1	22086	4143	26229	86451	9TH INFANTRY DIVISION	
YAKIMA FIRING CENTER	YAKIMA	202 3	43	74	117	261452	DIVISION TRAINING	
WISCONSIN								
WCCOY, FORT	SPARTA	205 3	291	1121	1412	59779	RC & ACTIVE ARMY TNG (I)	

DEPARTMENT OF DEFENSE  
ARMY CASE STRUCTURE  
United States Territories and Possessions  
FY 1991

Territory Name of Installation	City	IDPPC Code	Cat	Authorized Manpower Full-Time Permanently Assigned		Cil.	Tot.	Total Acreage	Major Unit Activity Function
				Mil.					
TRUST TERR OF PAC ISL									
KWAJALEIN MISSILE RANGE	KWAJALEIN	306 3	*	*	*	*	*	3568	NATIONAL TEST RANGE

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
Used by U. S. Forces in Foreign Areas  
FY 1991

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Country	Name of Installation	City	IDPPC Code	Mil.	Cil.	Total Acreege	Major Unit Activity Function
BELGIUM							
	CHIEVRES AIR BASE	ATH	402 3	242	789	1031	1009 NATO SHAPE SUPPORT GROUP
GERMANY, FEDERAL REP OF							
	US Army Base, 7th Army Tng Cnd		202 3	6524	6174	12698	7TH ARMY TRAINING COMMAND
	US Army Base, Ansbach		202 3	7954	1822	9776	1ST ARMORED DIVISION
	US Army Base, Aschaffenburg		202 3	4417	619	5036	3RD INFANTRY DIVISION (MECH)
	US Army Base, Augsburg		202 3	6221	1867	8082	VII CORPS ARTILLERY
	US Army Base, Bad Kreuznach		202 3	3939	1571	5510	8TH INFANTRY DIVISION (MECH)
	US Army Base, Bad Toelz		202 3	898	332	1220	US ARMY SPECIAL FORCES
	US Army Base, Bamberg		202 3	7170	876	8046	1ST ARMORED DIVISION
	US Army Base, Baumholder		202 3	9285	2509	11794	3TH INFANTRY DIVISION (MECH)
	US Army Base, Berlin		202 3	36	24	60	BERLIN BRIGADE
	US Army Base, Darmstadt		202 3	6672	1425	8097	32ND AIR DEFENSE COMMAND
	US Army Base, Frankfurt		202 3	8040	7648	15688	HQ, V CORPS
	US Army Base, Fulda		202 3	4397	822	5219	11TH ARMORED CAVALRY REGIMENT
	US Army Base, Garmisch		202 3	107	254	361	US ARMED FORCES REC CTR

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
Used by U. S. Forces in Foreign Areas  
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Country	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
US Army Base, Giessen US Army Base, Giessen			202 3	13337	2938	16275	42ND FIELD ARTILLERY
US Army Base, Goepplingen US Army Base, Goepplingen			202 3	4002	815	4817	1ST INFANTRY DIVISION (FWD)
US Army Base, Hanau US Army Base, Hanau			202 3	13939	3036	16975	3RD ARMORED DIVISION
US Army Base, Heidelberg US Army Base, Heidelberg			202 3	4411	5819	10230	HEADQUARTERS, USAREUR
US Army Base, Heilbronn US Army Base, Heilbronn			202 3	3901	792	4693	237TH ENGINEER BATTALION
US Army Base, Kaiserslautern US Army Base, Kaiserslautern			202 3	6961	6985	13946	HQ, 21ST SUPPORT COMMAND
US Army Base, Karlsruhe US Army Base, Karlsruhe			202 3	4448	3961	8409	18TH ENGINEER BRIGADE
US Army Base, Mainz US Army Base, Mainz			202 3	5424	1141	6565	8TH INFANTRY DIVISION (MECH)
US Army Base, Mannheim US Army Base, Mannheim			202 3	8393	3119	11512	8TH INFANTRY DIVISION (MECH)
US Army Base, Munich US Army Base, Munich			202 3	1252	1809	3061	66TH MILITARY INTELLIGENCE GP
US Army Base, Neu Ulm US Army Base, Neu Ulm			202 3	3431	626	4057	1ST INFANTRY DIVISION (FWD)
US Army Base, Norddeutschland US Army Base, Norddeutschland			202 3	6739	2428	9167	2ND ARMORED DIVISION (FWD)
US Army Base, Nuernberg US Army Base, Nuernberg			202 3	14587	5191	19778	1ST ARMORED DIVISION
US Army Base, Pirmasens US Army Base, Pirmasens			202 3	4156	3380	7536	59TH ORDNANCE BRIGADE
US Army Base, Rheinberg US Army Base, Rheinberg			202 3	1702	1534	3236	3 11TH AVIATION GROUP

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
Used by U. S. Forces in Foreign Areas  
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Authorized Manpower  
Full-Time Permanently  
Assigned

Country	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
US Army Base, Schweinfurt							
US Army Base, Schweinfurt			202 3	7881	987	8868 *	3RD INFANTRY DIVISION (MECH)
US Army Base, Stuttgart							
US Army Base, Stuttgart			202 3	13087	5606	18693 3	HQ EUROM & HQ VII CORPS
US Army Base, Wiesbaden							
US Army Base, Wiesbaden			202 3	8487	3813	12300 *	4TH INFANTRY DIVISION
US Army Base, Wildflecken							
US Army Base, Wildflecken			202 3	2862	1155	4017 *	3RD INFANTRY DIVISION (MECH)
US Army Base, Worms							
US Army Base, Worms			202 3	1885	2613	4498 *	5TH SIGNAL COMMAND
US Army Base, Wuereburg							
US Army Base, Wuereburg			202 3	13563	4554	18117 *	3RD INFANTRY DIVISION (MECH)
US Army Base, Zweibruecken							
US Army Base, Zweibruecken			202 3	1906	4363	6269 *	60TH ORDNANCE GROUP (AMMO)
ITALY							
CAMP DABBY		PISA	202 2	299	*	299	8TH SUPPORT GROUP (SETAF)
CAMP EDERLE		VICENZA	402 1	1884	*	1884	HEADQUARTERS, SETAF
JAPAN							
NAHA PORT		NAHA, OKINAWA	204 2	28	163	191	PORT FACILITIES
SAGAMI GENERAL DEPOT		SAGAMIHARA	507 2	87	686	773	LOGISTICS DEPOT
ZAMA, CAMP		ZAMA/SAGAMIHARA	402 1	871	2223	3094	HQ US FORCES, JAPAN/IX CORPS
KOREA, REPUBLIC OF							
CAMP GREAVES		BAEKYON-NI	202 2	561	5	566	INFANTRY BATTALION
CAMP COLBERN		HASONGGOK	202 2	395	6	401	SIGNAL BATTALION (-)
CAMP HONZE		KUMCHON-NI	202 2	751	8	759	INFANTRY BATTALION(M);8GE HQ
CAMP MERCER		PUCHON	202 2	561	*	561	ENGINEER BATTALION

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ARMY BASE STRUCTURE  
Used by U. S. Forces in Foreign Areas  
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Authorized Manpower  
Full-Time Permanently  
Assigned

Country	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreege	Major Unit Activity Function
CAMP HUMPHREYS	PYONGTAEK	202 2	3715	21	3736	1351	COMBAT SERVICE SUPPORT; ENGR BN
YONGSAN GARRISON	SEOUL	402 2	6991	205	7196	1622	HQ, EIGHTH U S ARMY
CAMP WALKER	TAEGU	202 2	1670	22	1692	191	COMBAT SERVICE SUPPORT
CAMP CASEY	TONGDUCHON	202 1	6078	32	6110	821	HEADQUARTERS & ADMINISTRATION
CAMP RED CLOUD	UIJONG-BU	202 2	1371	34	1405	202	HQ & ADMIN SUPPORT
CAMP CARROLL	WAEGWAN	507 2	1336	5	1341	744	LOGISTICS DEPOT
PANAMA							
DEFENSE COMPLEX, PANAMA		202 1	10000	5997	15997	24143	SUPPORT OF ARMY IN PANAMA
TURKEY							
DIOGENES STATION	SINOP	303 3	292	*	292	382	COMMUNICATIONS
UNITED KINGDOM							
BURTONWOOD ARMY DEPOT	WARRINGTON	507 3	44	*	44	134	DEPOT, TECHNICAL SITE



## **CHAPTER THREE**

### **NAVY BASE STRUCTURE**

#### **I. INTRODUCTION**

The Navy Base Structure Chapter to the Manpower Requirements Report for FY 1991 is submitted in compliance with Section 115 of Title 10, United States Code. The Navy Chapter consists of five sections in addition to the Introduction. Section II, Base Structure Overview, discusses factors affecting the number and capabilities of Navy shore bases. Section III relates major Navy bases to the forces supported within the framework of the Installation Defense Planning and Programming (IDPP) categories. Section IV, Base Operations Costs, provides a summary table by major defense program of those costs included in this category. Section V discusses the Navy's continuing process for appraising base operations costs. Section VI is a listing of installations defined as major, minor, or support activities which have plant accountability for land, structures, buildings or utilities. Major activities (Cat Code 1) are defined as: homeport locations of the operating forces with a minimum assigned strength (or equivalent) of a battlegroup, DESRON, SUBRON, PHIBRON, or 6 or more fleet air or land-based squadrons, and activities that provide depot-level maintenance to the operating forces. Minor activities (Cat Code 2) are defined as: RDT&E activities, training activities, hospitals, homeport locations of the operating forces with a lesser assigned strength than of a major activity. Support activities (Cat Code 3) are defined as all other naval activities with plant accountability which support a minimum of 300 DoD civilians.

Most bases listed in Section VI have multiple missions. Only primary missions are shown. Personnel assigned to ships and aircraft squadrons which are homeported or assigned at a given base are included in Section VI personnel data.

#### **II. BASE STRUCTURE OVERVIEW**

As a nation with global interests and responsibilities in a formal alliance structure, the United States requires a strong, vital, and well-supported Navy to execute its national military strategy. During peacetime operations, the Navy must satisfy a variety of national commitments and respond to frequent demands for forward presence. Those demands require global mobility and flexibility, and an overseas basing structure for support. Sister services are integrated with Navy and Marine Corps operations. Allies are a most important part of the strategy through a system of treaties, multilateral agreements, and other bilateral commitments. National policy gives direction to the Global Maritime Elements of United States National Military Strategy, comprising the Maritime Strategy. Based on deterrence, this strategy is global, forward, and cedes no vital area by



default as we operate in conjunction with our sister services and allies. In the event of a crisis, the Navy, which has been the nation's principal military instrument for crisis response since 1946, protects American interests overseas and provides a broad range of escalation control. Naval forces are the lead element of the forward movement which demonstrates United States and allied will and determination. In time of global conventional war, the Navy provides a credible deterrent, but aggressively seizes and presses home the strategic initiative if deterrence fails. Vital resupply lines are protected, naval warfare is conducted far forward, and maritime power is projected against targets at sea and on land.

These demands, coupled with the challenge posed by Soviet maritime forces, drive our naval force planning and dictate requirements that our forces must be able to meet. The forces must be large enough to support our alliance system in peace and war. They must also be capable of operating effectively in forward areas, most likely against heavy Soviet opposition.

Our base structure is integral to the peace-keeping and war-fighting capability. The breadth of our locations is global. The depth must be adequate to accommodate the full range of logistics required to operate and maintain the platforms, weapons, and sensor systems needed for maritime superiority.

Following the Vietnam War, the size of the Fleet was reduced and subsequent budget cutbacks forced the slowdown of base modernization. Some naval bases were closed. Others were scaled down and real estate exceeded to achieve an economical base posture for the smaller Fleet. Even with the reduced base structure, the amount of military construction funded each year has not kept pace with the aging of the facilities. Congressional cuts of over 20 percent in FYs 85-88, have set back the increased military construction budget requests needed in FYs 88 and 89 to maintain our shore establishment. In addition, the FY 91 through 94 programs have also been reduced by an average of 20 percent. The average age of Navy facilities is 43 years with the Navy's shipyards having an average facilities age of 56 years. At the current rate of investment of approximately 500 million dollars per year for the replacement and modernization component of the Navy's MILCON program, there will be a constant increase in the number of facilities which have exceeded their economic life.

Since the end of the Vietnam War, turmoil in the Persian Gulf region, Southwest Asia, the Caribbean, Central America, and South America has increased our defense commitments instead of permitting them to decrease to match our reduced Fleet size. Although recently the Soviet Union has made proposals to reduce its force strength in Eastern Europe, it has continued to increase the size and sophistication of its naval fleet. This

stronger Soviet fleet is being used to expand their sphere of political influence through logistic support of destabilization and revolutionary political movements in non-communist countries.

These factors support the need to rebuild the strength of our naval forces and base structure. It is recognized that this must be accomplished with limited financial resources. Effective naval strength can only be attained and maintained at the most economical cost if the basing is carefully structured and adequately capitalized for renewal to support the needed forces. The Navy continuously reviews its base structure to ensure the leanest adequate combination of bases.

### **XII. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE**

Maintaining the nation's maritime strength requires efficient utilization of our base structure to support a more sophisticated fleet. The base structure is critical to a strong Navy. Changes to the base structure support the following six goals for our general purpose naval forces:

1. Improve readiness and sustainability;
2. Meet global responsibilities;
3. Improve power projection forces;
4. Upgrade anti-submarine warfare capabilities;
5. Improve capabilities to intercept bombers and cruise missiles; and
6. Modernize our support and mine warfare forces.

In moving toward these goals, and in the context of our Maritime Strategy, the Navy continues to review its base structure and its effectiveness in supporting the needed force structure.

A brief discussion of the missions and structure changes by Installation Defense Planning and Programming Category follows. A listing of the major activities within these categories is provided in Section VI.

#### **STRATEGIC FORCES (100)**

The Submarine Base, Bangor, Washington, has been operational since July 1981. The Submarine Base, Kings Bay, Georgia, has an Initial Operating Capability (IOC) of December 1989.

#### GENERAL PURPOSE FORCES (200)

The Fleet aircraft basing concept retains the minimum number of bases for programmed aircraft and collocates carrier-based tactical and carrier-based anti-submarine warfare (ASW) aircraft. No new air bases are planned. Air bases receiving the F/A-18 aircraft and other air warfare weapon systems are being modernized through construction of new facilities but are not being expanded in acreage.

The Reserve Air Stations are being modernized for the Ready Reserve Air Squadrons who are now receiving "state-of-the-art" weapon systems. This is in contrast to the former policy of providing them "secondhand" systems discarded by the regular Navy.

#### AUXILIARY FORCES (300)

The Navy Command and Control System provides the means to exercise operational direction of naval forces. It ensures that the National Command Authorities, unified commanders, naval component commanders, and subordinate naval commanders are able to receive sufficient, accurate, and timely information on which to base their decisions and have the means to communicate their decisions to the forces. C3I capability is being upgraded in the Central Mediterranean with a new COMSTA at Niscemi, Sicily, and a replacement C3I complex at Capodichino airport, Naples, Italy. A world-wide system of ROTHRE early warning system is also being programmed for FY 88-97. Emphasis is on modernization of the sensor systems to attain needed security, sensitivity, and immunity to electronic countermeasures.

#### MISSION SUPPORT FORCES (400)

Cruise missile forces are being introduced to distribute offensive striking power throughout the fleet. The Harpoon is designed for anti-ship strikes. The Tomahawk has the range to reach both ships and shore targets beyond the horizon. These systems are being deployed at existing bases, but require a modernization of maintenance and storage facilities.

Amphibious assault forces are receiving the Landing Craft, Air Cushioned (LCAC) vehicle. These forces are also receiving the LHD-1 multipurpose amphibious assault ship and the LSD-41 Cargo Variant ship to provide increased lift and dock-loading capability.

Advanced base planning is underway to support the attack submarine community in replacing the SSN-688 class submarine with the SSN-21. This new weapon system will be deployed at four homeports.

The Navy is also planning for the necessary support facilities to accommodate a new class of Fast Combat Support Ships (AOE) on both the east and west coast. These are logistic ships that provide replenishment at sea of petroleum, munitions, and provisions.

New generations of mine warfare ships are being anticipated in the 1990s. Mine Coastal Hunter (MCH) and Mine Countermeasures (MCM) ships will be going to a number of homeports within the U.S.

The new weapon systems for the amphibious, logistic support, mine warfare, and the submarine communities are being deployed. These systems require modernization of logistic support ranging from the waterfront facilities for the ships and hangars for the aircraft to weapons supply and maintenance facilities.

#### CENTRAL SUPPORT FORCES (500)

The Naval Medical Command, through a network of regional medical and dental centers, associated hospitals, and dispensaries, provides medical care in support of the fleet and to other qualified beneficiaries. Renewed emphasis has been placed on wartime medical readiness resulting in readiness being the driving factor in determining the size and composition of the medical care system. Medical readiness improvements are providing two San Clemente class tankers which have been converted into floating general hospitals with 1,000 beds and 12 operating rooms each.

The Naval Education and Training Command provides trained personnel to man and support the fleet. This includes recruit training, officer acquisition training, specialized skill training, flight training, and professional development education. The average age of the Training Command's facilities is 39 years. In the training function, which is characterized by high technological change of weapon systems used by the trainees in these facilities, modernization of the bases is required more frequently than in other support functions. This is being accomplished, as funding is provided, by modernizing facilities on existing bases.

#### INDIVIDUAL (600)

None.

#### **IV. BASE OPERATIONS SUPPORT (BOS) COSTS FOR FY 1991**

A summary of the estimated FY 1991 Base operations support costs follows.

#### **V. ACTIONS TO REDUCE BASE OPERATIONS SUPPORT (BOS) COSTS**

Base operations support costs are directly related to the size of the shore bases which in turn is driven by the size of the operating forces. There is also a direct relationship between BOS funding levels and a shore base's readiness, i.e., its ability to support the operating forces.

Three years ago the Navy developed a program to prioritize the resources used to maintain and improve its shore infrastructure. This initiative is called the Shore Facilities Life Extension Program (Shore FLEP). It is a new concept of programming and executing Maintenance of Real Property (MRP) and Replacement/Modernization MILCON that ties facility condition to mission readiness. The accurate measurement of shore station readiness has also been enhanced through an expansion of the Navy's Base Readiness Reporting (BASEREP) System, OPNAVINST 3501.167B.

The Commission on Base Realignment and Closure provided several recommendations which will reduce costs. The following recommendations of the Commission have been implemented:

1. Do not open planned Naval Stations at Lake Charles and Galveston. Ships scheduled for these locations are to be relocated to the new Naval Station at Ingleside, Texas.
2. Close functions of Naval Station New York (Brooklyn) and relocate the functions to the new homeport of Staten Island.
3. Realign functions at the Naval Station Seattle (Sand Point) and move the fleet related functions to Everett, Washington.
4. Do not open Hunters Point as a homeport and send the battleship and two cruisers to Pearl Harbor.

Other major programs to improve shore base management and thereby reduce BOS costs are as follows:

1. Study in-house commercial activities with a view toward conversion to contract where economically justified. Since FY79, studies have been conducted on approximately 28,000 positions. Of those, about 49% were converted to contract. Of the 14,000 positions remaining in-house, a reduction of 2,713 people has been achieved, or an average reduction of 19 percent.
2. Reduce costs through application of more energy efficient facilities and systems throughout the support

establishment and operating forces. The Navy-wide goal is to reduce facility energy consumption per square foot by 12 percent (measured from a FY85 baseline) at Navy Shore Bases by the end of FY95. As of the third quarter FY89, the Navy's actual energy consumption reduction of 5.46 percent is ahead of the third quarter FY89 goal of 4.5 percent.

NAVY

BASE OPERATING SUPPORT COSTS  
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories &amp; Possessions</u>	<u>Foreign/ Overseas</u>	<u>Total</u>
Strategic Forces	146.7	-	-	146.7
General Purpose Forces	1,133.5	166.2	758.7	2,058.4
Intell/Communication	84.8	8.8	26.6	120.2
Airlift/Sealift	-	-	-	-
Guard & Reserve Forces	239.2	-	-	239.2
Research & Development	315.9	-	-	315.9
Central Supply & Maintenance	1,308.5	71.6	59.1	1,439.2
Training, Medical, & Other General Purpose Activities	756.9	7.9	23.2	788.0
Administration & Assoc. Activities	172.4	-	-	172.4
Support to Other Nations	-	-	-	-
<b>SUBTOTAL</b>	4,157.9	254.5	867.6	5,280.0
Construction	1,080.9	23.8	85.0	1,189.7
Family Housing O & M	<u>424.2</u>	<u>83.5</u>	<u>92.8</u>	<u>600.5</u>
<b>TOTAL</b>	5,663.0	361.8	1,045.4	7,070.2

SUMMARY OF NUMBER OF NAVY INSTALLATIONS

Mission Category (IDP/C)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
GENERAL PURPOSE (202)	16	2	7	25
GUARD AND RESERVE (205)	6	0	0	6
INTELLIGENCE AND COMMUNICATIONS (303)	12	2	7	21
RESEARCH AND DEVELOPMENT (306)	16	0	0	16
GENERAL PURPOSE (402)	31	1	6	38
CENTRAL SUPPLY AND MAINTENANCE (507)	29	2	4	35
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	30	0	2	32
TOTAL NAVY	140	7	26	173



DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
United States  
FY 1991

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Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
ALABAMA							
	NAVAL STATION MOBILE	MOBILE	402 2	310	90	400	100 HOMEPORT
ALASKA							
	NAVAL AIR STATION, ADAK	ADAK	202 2	1470	193	1663	52180 PATROL AIRCRAFT
	NAVAL SECURITY GROUP ACTIVITY ADAK	ADAK	303 3	585	11	596	8820 COMMUNICATIONS
CALIFORNIA							
	NAS, ALAMEDA	ALAMEDA	202 1	11055	5485	16541	2616 SUPPORT AIRCRAFT, NAUF
	NAVAL AVIATION DEPOT ALAMEDA	ALAMEDA	507 2	30	3881	3911	10 AIRCRAFT MAINTENANCE
	NAVAL HOSPITAL, C PENDLETON	CAMP PENDLETON	508 2	761	378	1139	187 HEALTH CARE
	NAVAL WEAPONS CTR, CHINA LAKE	CHINA LAKE	306 3	1110	5549	6659	127266 AIR WARFARE MISSILE SYSTEMS
	NAVAL WEAPONS STA, CONCORD	CONCORD	507 3	2563	1179	3742	13023 WEAPONS PRODUCTION
	NAVAL AIR FACILITY, EL CENTRO	EL CENTRO	202 2	271	82	353	63137 FLEET AIR TRAINING SUPPORT
	NAVAL STATION HUNTERS POINT	HUNTERS POINT	402 2	*	*	*	10 HOMEPORT
	NAS, LEMOORE	LEMOORE	202 1	5574	769	6343	39173 ATTACK AIRCRAFT
	LONG BEACH NAVAL SHIPYARD	LONG BEACH	507 1	2237	4375	6612	350 SHIP ALTERATION&REPAIR
	NAVSTA, LONG BEACH	LONG BEACH	402 1	15441	359	15800	1351 FLEET&SHORE ESTABLISHMENT SPT
	NAS, MOFFETT FIELD	MOFFETT FIELD	202 1	5119	763	5882	3919 AREA COORDINATOR
	NAVAL POSTGRADUATE SCHOOL	MONTEREY	508 2	1426	1273	2699	619 PROFESSIONAL DEVELOPMENT TNG
	NAVAL AVIATION DEPOT N. ISLAND NORTH ISLAND	NORTH ISLAND	507 2	30	4335	4365	10 AIRCRAFT MAINTENANCE
	NAV MEDCOM NW REG	OAKLAND	508 2	1525	516	2041	191 HEALTH CARE
	NAVAL SUPPLY CTR, OAKLAND	OAKLAND	507 3	1712	7627	5339	1133 SUPPLY SUPPORT
	NAV CONST BN CTR, PT HUENEME	PORT HUENEME	402 3	4046	4541	8587	2407 CONSTRUCTION FORCE SUPPORT

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NAVY BASE STRUCTURE  
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Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Cat	Mil.	Cil.	Tot.	Total Acreeage	Major Unit Activity Function
	PACIFIC MISSILE TEST CENTER	PT MUGU	306 1		2544	4318	6862	27093	ROT&E AIR LAUNCHED WEAPONS
	FLEET ASW TRAINING CTR, PAC	SAN DIEGO	508 2		2987	93	3080	37	ASW TRAINING
	FLEET COMBAT TRAINING CTR, PAC SAN DIEGO	SAN SAN DIEGO	508 2		773	342	1115	91	SPECIALIZED TRAINING
NAS, MIRAMAR		SAN DIEGO	202 1		8932	1117	10049	23420	FIGHTER & ATTACK AIRCRAFT
NAS, NORTH ISLAND		SAN DIEGO	202 1		18755	6512	25267	47864	EARLY WARNING&ASW AIRCFT, WARF
NAV ELECTRONIC SYSTEM ENG CTR, SAN DIEGO		SAN DIEGO	306 2		33	678	711	3	R&D-ELECTRONICS
NAV SUB BASE, SAN DIEGO		SAN DIEGO	402 1		5957	483	6440	314	SUBMARINE FORCE SUPPORT
NAVAL AMPHIB BASE, CORONADO		SAN DIEGO	402 2		5037	341	5378	1095	AMPHIBIOUS WARFARE TRAINING
NAVAL COMM STA, SAN DIEGO		SAN DIEGO	303 3		218	165	383	622	COMMUNICATIONS
NAVAL HOSPITAL, SAN DIEGO		SAN DIEGO	508 2		3921	1174	5095	121	HEALTH CARE
NAVAL OCEAN SYSTEMS CENTER		SAN DIEGO	306 2		351	3652	4003	3690	OCEAN SYS R & D
NAVAL STATION, SAN DIEGO		SAN DIEGO	402 1		33168	2726	35894	1510	OPERATING BASE
NAVAL SUPPLY CTR, SAN DIEGO		SAN DIEGO	507 3		512	2390	2902	849	SUPPLY DEPOT
NAVAL TRAINING CTR, SAN DIEGO		SAN DIEGO	508 2		13381	611	13992	546	RECRUIT & SKILL TRAINING
NAVAL STATION, TREASURE IS		SAN FRANCISCO	402 2		2425	763	3188	1931	FLEET&SHORE ESTABLISHMENT SPT
NAVAL WEAPONS STA, SEAL BEACH		SEAL BEACH	507 3		402	2510	2912	13980	ORDNANCE SUPPORT
NAVAL COMM STA, STOCKTON		STOCKTON	303 3		235	778	1013	2788	COMMUNICATIONS
MARE ISLAND NAVAL SHIPYARD		VALLEJO	507 2		4346	1014	14437	5621	SHIP ALTERATION&REPAIR
NAVAL STATION, MARE ISLAND		VALLEJO	402 2		4094	415	4509	500	LOGISTIC SUPPORT
CONNECTICUT									
NAVAL SUB BASE, NEW LONDON		GROTON	402 1		10494	1203	11697	1394	SUBMARINE FORCES SUPPORT

LIST OF COLUMBIA

Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
	HQ NAV DISTRICT WASHINGTON	WASHINGTON	402 3	2140	4273	6413	573 ADMINISTRATIVE/LOGISTICS
	NAVAL OBSERVATORY	WASHINGTON	303 2	41	524	565	364 NAVAL OBSERVATORY
	NAVAL RESEARCH LABORATORY	WASHINGTON	306 3	200	3928	4128	1161 PHYSICAL SCIENCES RESEARCH
	NAVAL SECURITY STA, WASHINGTON	WASHINGTON	303 3	632	677	1309	38 COMMUNICATIONS
FLORIDA							
	NAS, CECIL FIELD	CECIL FIELD	202 1	3287	621	8908	20194 ATTACK & ASW AIRCRAFT
	NAVAL SECURITY GROUP ACTIVITY	HOMESTEAD	303 3	341	50	391	815 COMMUNICATIONS
	NAS, JACKSONVILLE	JACKSONVILLE	202 1	7138	5379	12517	12376 PATROL & ASW AIRCRAFT, NARF
	NAVAL AVIATION DEPOT JAX	JACKSONVILLE	507 2	30	3598	3628	10 AIRCRAFT MAINTENANCE
	NAS, KEY WEST	KEY WEST	202 2	3381	646	4027	18615 RECONNAISSANCE AIRCRAFT
	NAVAL STATION, MAYPORT	MAYPORT	402 1	15965	658	16623	818 OPERATING BASE
	NAS, WHITING FIELD	MILTON	508 2	2444	255	2699	11326 FLIGHT TRAINING
	NAVAL TRAINING CENTER, ORLANDO	ORLANDO	508 2	14516	897	15413	2057 RECRUIT & SKILL TRAINING
	NAV COASTAL SYSTEMS CENTER	PANAMA CITY	306 3	433	1446	1879	1112 COASTAL REGION WARFARE
	NAS, PENSACOLA	PENSACOLA	508 1	6038	6448	12486	7512 FLIGHT TRAINING, NARF
	NAV ED&TNG PRO MGMT SUP ACT	PENSACOLA	508 2	266	954	1220	983 TRAINING PROGRAM DEVELOPMENT
	NAVAL AVIATION DEPOT PENSACOLA	PENSACOLA	507 2	30	3768	3798	10 AIRCRAFT MAINTENANCE
	NAVAL OLF SAUFLEY	PENSACOLA	508 3	260	1400	1660	3541 OUTLYING LANDING FIELD
	NAVAL TECH TNG CTR, CORRY STA	PENSACOLA	508 2	3111	226	3337	431 TECHNICAL TRAINING
GEORGIA							
	NAVY SUPPLY CORPS SCHOOL	ATHENS	508 2	355	74	429	53 SKILL TRAINING
	NAVAL SUB BASE, KINGS BAY	KINGS BAY	402 1	1602	1424	3026	16273 SUBMARINE BASE

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State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
NAS, ATLANTA		MARIETTA	205 2	869	149	1018	165 RESERVE AIR TRAINING
HAWAII							
NAS, BARBERS POINT		BARBERS POINT	202 1	4678	266	4944	4076 PATROL AIRCRAFT
NAVAL MAGAZINE, LUALUALEI		LUALUALEI	507 3	697	332	1029	12142 ORDNANCE SUPPORT
NAVAL STATION, PEARL HARBOR		PEARL HARBOR	402 1	9735	1379	11114	5846 OPERATING BASE
NAVAL SUB BASE, PEARL HARBOR		PEARL HARBOR	402 1	4648	327	4975	105 SUBMARINE FORCES SUPPORT
PEARL HARBOR NAVAL SHIPYARD		PEARL HARBOR	507 2	217	6772	6989	160 SHIP ALTERATION & REPAIR
NAV COMM AREA MASTER STA, EPAC WAIHANA			303 3	911	196	1107	2422 COMMUNICATIONS
ILLINOIS							
NAS, GLENVIEW		GLENVIEW	205 2	1517	271	1788	1407 RESERVE AIR TRAINING
NAVAL TNG CTP, G LAKES		GREAT LAKES	508 2	21814	1272	23086	1012 RECRUIT & SKILL TRAINING
INDIANA							
NAV WEAPONS SUPPORT CTR, CRANE CRANE			507 2	54	4788	4842	62509 WEAPONS SYSTEM & ORDNANCE SPT
NAVAL AVIONICS CENTER		INDIANAPOLIS	306 2	31	3431	3462	185 AVIONICS REPAIR
KENTUCKY							
NAV ORDNANCE STA, LOUISVILLE		LOUISVILLE	507 3	10	2340	2350	150 ORDNANCE SUPPORT
LOUISIANA							
NAVAL STATION LAKE CHARLES		LAKE CHARLES	402 2	*	*	*	10 HOMEPORT
NAS, NEW ORLEANS		NEW ORLEANS	205 2	1358	846	2204	4921 RESERVE AIR TRAINING
NAVAL SUPPORT ACT, NEW ORLEANS NEW ORLEANS		NEW ORLEANS	402 2	2812	1786	4598	246 FLEET&SHORE ESTABLISHMENT SPT
MAINE							
NAS, BRUNSWICK		BRUNSWICK	202 1	3466	494	3960	8742 PATROL AIRCRAFT

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Authorized Manpower  
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State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
MARYLAND	NAV SECURITY GP ACT, WINTER HA WINTER HARBOR		303 3	336	60	396	603 COMMUNICATIONS
	US NAVAL ACADEMY	ANNAPOLIS	508 2	5551	2940	8491	1747 OFFICER ACQUISITION TRAINING
	D W TAYLOR NAV SHIP R&D CTR	BETHESDA	306 2	81	2897	2978	327 R&D-SHIP TECHNOLOGY
	NAVAL MEDICAL COMMAND-NCR	BETHESDA	508 2	3681	2609	6290	242 HEALTH CARE
	NAVAL COMM UNIT, WASHINGTON	CHELLENHAM	303 3	130	232	362	240 COMMUNICATIONS
	NAV ORDNANCE STA, INDIAN HEAD	INDIAN HEAD	507 3	478	3106	3584	3410 SOLID PROPELLENTS
	NAVAL AIR TEST CTR, PAX RIVER	PATUXANT RIVER	306 2	3409	3352	6761	7127 T&E AIRCRAFT SYSTEMS
	NAV SURFACE WEAPONS CTR, W OAK SILVER SPRING	W OAK SILVER SPRING	306 3	62	1967	2029	733 R&D-NAVAL WEAPONS
	NAVAL ELECTRONIC SYS ENGR ACT	ST INIGOEES	306 3	68	336	404	969 T&E ELECTRONICS SYSTEMS
MASSACHUSETTS	NAS, SOUTH WEYMOUTH	SOUTH WEYMOUTH	205 2	4968	199	5167	2250 RESERVE AIR TRAINING
MISSISSIPPI	NAVAL OCEANOGRAPHIC OFFICE	BAY ST LOUIS	303 2	88	1357	1445	1 NAVAL OCEANOGRAPHIC ACTIVITIES
	NAV CONST BN CTR, GULFPORT	GULFPORT	402 3	3895	641	4536	4502 CONSTRUCTION FORCE SUPPORT
	NAS, MERIDIAN	MERIDIAN	508 2	2571	337	2908	13507 FLIGHT TRAINING
	NAVAL STATION PASCAGOULA	PASCAGOULA	402 2	300	50	350	100 HOMEPORT
NEVADA	NAS, FALLON	FALLON	202 2	869	262	1131	141059 ATTACK AIRCRAFT TRAINING
NEW HAMPSHIRE	PORTSMOUTH NAVAL SHIPYARD	PORTSMOUTH	507 1	1361	8605	9966	297 SHIP CONSTRUCTION & REPAIR
NEW JERSEY							

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State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function	Total
	NAVAL WEAPONS STA, EARLE	COLTS NECK	507 1	1540	744	2284	ORDNANCE SUPPORT	11158
	NAVAL AIR ENG CTR, LAKEHURST	LAKEHURST	306 2	802	2607	3409	AIRCRAFT LAUNCH/RECOVERY SYS	7412
	NAVAL AIR PROPULSION CENTER	TRENTON	306 2	8	751	759	ENGINE TBE ACTIVITIES	72
NEW YORK								
	NAVAL STATION, NEW YORK	BROOKLYN	402 2	416	480	896	FLEET&SHORE ESTABLISHMENT SPT	141
	NAVAL STATION STATEN ISLAND	NEW YORK	402 2	800	96	896	HOMEPORT	100
NORTH CAROLINA								
	NAVAL AVIATION DEPOT CHERRY PT CHERRY POINT		507 2	30	3970	4000	AIRCRAFT MAINTENANCE	10
OHIO								
	NAVY FINANCE CTR, CLEVELAND	CLEVELAND	402 3	114	1531	1645	ADMINISTRATIVE SUPPORT-FINANCE	36
PENNSYLVANIA								
	NAVY SHIPS PARTS CONTROL CTR	MECHANICSBURG	507 3	174	7283	7457	INVENTORY CONTROL POINT	857
	NAV STA, PHILADELPHIA	PHILADELPHIA	402 2	1244	1733	2977	FLEET&SHORE ESTABLISHMENT SPT	522
	NAVAL HOSPITAL, PHILADELPHIA	PHILADELPHIA	508 2	513	602	1115	HEALTH CARE	48
	NAVY AVIATION SUPPLY OFFICE	PHILADELPHIA	507 3	113	5796	5909	NAVAL AVIATION SUPPLY&DLA ICP	135
	PHILADELPHIA NAVAL SHIPYARD	PHILADELPHIA	507 1	3573	10962	14535	SHIP BUILDING & REPAIR	904
	NAVAL AIR DEVELOPMENT CENTER	WARMINSTER	306 3	236	2674	2910	AIRCRAFT TECHNOLOGY	921
	NAS, WILLOW GROVE	WILLOW GROVE	205 2	2112	802	2914	RESERVE AIR TRAINING	967
RHODE ISLAND								
	NAV EDUCATION & TRAINING CTR	NEUPORT	508 2	5561	1037	6598	OFF INDOCTRINATION & SKILL TNG	1199
	NAVAL UNDERWATER SYST CTR	NEUPORT	306 2	195	3828	4023	UNERSEA WARFARE R&D	371
SOUTH CAROLINA								

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NAVY BASE STRUCTURE  
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Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot.	Total Acreege	Major Unit Activity Function
CHARLESTON	NAVAL SHIPYARD	CHARLESTON	507 1	81	8951	9032	1923	SHIP/SUB REPAIR
	FBM SUBMARINE TRAINING CENTER	CHARLESTON	500 2	399	15	414	8	SKILL TRAINING
	FLEET AND MINE WARFARE TNG CTR	CHARLESTON	508 2	203	8	211	9	SKILL TRAINING
	NAVAL STATION, CHARLESTON	CHARLESTON	402 1	21748	4468	26216	882	OPERATING BASE
	NAVAL WEAPONS STA, CHARLESTON	CHARLESTON	507 3	4308	1681	5989	17480	WEAPONS SYSTEMS SUPPORT
TENNESSEE								
MEMPHIS		MILLINGTON	508 2	8787	891	9678	3499	SKILL TRAINING
	NAVAL HOSPITAL, MILLINGTON	MILLINGTON	508 2	481	114	595	38	HEALTH CARE
TEXAS								
CHASE FIELD		BEEVILLE	508 2	821	371	1192	9633	FLIGHT TRAINING
	CORPUS CHRISTI	CORPUS CHRISTI	508 2	1884	4918	6802	4400	FLIGHT TRAINING
	DALLAS	DALLAS	205 2	1604	359	1963	799	RESERVE AIR TRAINING
	NAVAL STATION GALVESTON	GALVESTON	402 2	*	*	*	10	HOMEPORT
	NAVAL STATION INGLESIDE	INGLESIDE	402 2	900	100	1000	100	HOMEPORT
KINGSVILLE		KINGSVILLE	508 2	1078	321	1399	5582	FLIGHT TRAINING
VIRGINIA								
SEC GRP ACT		CHESAPEAKE	303 3	1003	93	1096	4118	COMMUNICATIONS
	NAVAL SURFACE WEAPONS CTR	DAHLGREN	306 2	507	3392	3899	4320	RDT&E-ORDNANCE TECHNOLOGY
	NAVAL AVIATION DEPOT NORFOLK	NORFOLK	507 2	30	4119	4149	10	AIRCRAFT MAINTENANCE
	FLEET ASW TRAINING CTR, LANI	NORFOLK	508 2	240	9	249	5	ASW TRAINING
	NAS, NORFOLK	NORFOLK	202 1	10395	5933	16828	1386	EARLY WARNING/ASW AIRCFT, NARF
NAVAL AMPHIB BASE, LITTLE CREEK	NORFOLK	402 1	11756	927	12683	11808	AMPHIBIOUS WARFARE SUPPORT	

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NAVY BASE STRUCTURE  
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Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
	NAVAL STATION, NORFOLK	NORFOLK	402 1	62497	2839	65336	181 OPERATING BASE
	NAVCORP AREA MASTER STA LANT	NORFOLK	303 3	347	138	485	1474 COMMUNICATIONS
	NAVAL HOSPITAL, PORTSMOUTH	PORTSMOUTH	508 2	2762	1093	3855	110 HEALTH CARE
	NORFOLK NAVAL SHIPYARD	PORTSMOUTH	507 2	729	14387	15116	1340 SHIP ALTERATIONS & REPAIR
	FLEET COMBAT TRAINING CTR, LANT VIRGINIA BEACH	VIRGINIA BEACH	508 2	5660	628	6288	1038 SPECIALIZED TRAINING
	NAS, OCEANA	VIRGINIA BEACH	202 1	9667	767	10434	15180 FIGHTER & ATTACK AIRCRAFT
	NAVAL WEAPONS STA, YORKTOWN	YORKTOWN	507 3	972	2104	3076	10624 ORDNANCE SUPPORT
WASHINGTON							
	NAVAL STRATEGIC WEAPON FAC PAC BREMERTON	BREMERTON	507 3	115	357	472	* ORDNANCE SUPPORT
	NAVAL SUBMARINE BASE, BANGOR	BREMERTON	402 1	5321	1753	7074	6691 SUBMARINE BASE
	PUGET SOUND NAVAL SHIPYARD	BREMERTON	507 1	4681	12767	17448	1392 SHIP ALTERATION & REPAIR
	NAVAL STATION EVERETT	EVERETT	402 2	1100	100	1200	100 HOMEPORT
	NAV UNDERSEA WARFARE ENGR STA	KEYPORT	507 3	309	3180	3489	4939 UNDERWATER WEAPONS SUPPORT
	NAS, WHIDBEY ISLAND	OAK HARBOR	202 1	8424	796	9220	70998 ATTACK&ELEC WARFARE AIRCRAFT
	NAVAL STATION, PUGET SOUND	SEATTLE	402 2	612	652	1264	271 FLEET&SHORE ESTABLISHMENT SPT



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Territory Name of Installation	City	IDPPC Code	Authorized Manpower Full-Time Permanently Assigned		Cil.	Tot. Acreage	Major Unit Activity Function
			Mil.	Cat			
GUAM							
NAS, AGANA	AGANA, GUAM	202 2	1483	200	1683	2434	PATROL ELEC WARFARE AIRCRAFT
NAV COMM AREA MASTER STA, WPAC AGANA, GUAM	AGANA, GUAM	303 3	1060	128	1188	4804	COMMUNICATIONS
NAVAL MAGAZINE, GUAM	AGANA, GUAM	507 3	377	63	440	8842	STORAGE-AMMUNITION
NAVAL SHIP REPAIR FAC, GUAM	AGANA, GUAM	507 1	109	945	1054	183	FLEET MAINTENANCE
NAVAL STATION, GUAM	AGANA, GUAM	402 1	3880	478	4358	4779	FLEET SUPPORT
PUERTO RICO							
NAVAL STATION, ROOSEVELT ROADS ROOSEVELT RDS		202 2	3163	857	4820	32161	OPERATING BASE
NAV SECURITY GRP ACTIVITY	SABANA SECA	303 3	371	72	443	2618	COMMUNICATIONS

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Authorized Manpower  
Full-Time Permanently  
Assigned

Country	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
AUSTRALIA							
	NAV COMSTA, HAROLD E HOLT	ENMOUTH	303 3	382	221	603	18155 COMMUNICATIONS
BERMUDA							
	NAVAL AIR STATION, BERMUDA	BERMUDA	202 2	1085	448	1533	1453 PATROL AIRCRAFT
CANADA							
	NAVAL FACILITY, ARGENTIA	ARGENTIA, N. LAND	303 3	403	139	542	9066 OCEANOGRAPHIC RESEARCH
CUBA							
	NAVAL STATION, GUANTANAMO BAY	GUANTANAMO BAY	202 2	2468	933	3401	28817 OPERATING BASE
DIEGO GARCIA							
	NAVAL SUPPORT FACILITY	DIEGO GARCIA	402 3	1235	55	1290	7000 SUPPORT ACTIVITIES
GREECE							
	NAV COMM STA, GREECE	NEA MAKRI	303 3	381	35	414	499 COMMUNICATIONS
ICELAND							
	NAVAL STATION, KEFLAVIK	KEFLAVIK	202 1	3292	1172	4464	23339 FLT SUPPORT/PATROL AIRCRAFT
ITALY							
	NAVAL HOSPITAL, NAPLES	NAPLES	508 2	270	91	361	5 HEALTH CARE
	NAVAL AIR STATION, SIGONELLA	SIGONELLA	202 1	2934	587	3521	651 PATROL/FLEET AIRCRAFT
JAPAN							
	NAVAL AIR FACILITY, ATSUGI	ATSUGI	202 2	980	71	1051	1771 RECONNAISSANCE AIRCRAFT
	NAVAL HOSPITAL, OKINAWA	CHATAN, OKINAWA	508 2	643	108	751	* HEALTH CARE
	NAVAL FLEET ACTIVITIES, SASEBO	SASEBO	507 2	1692	876	2568	8386 ORDNANCE SUPPORT
	NAV COMM STA, JAPAN	YOKOSUKA	303 3	597	156	753	1167 COMMUNICATIONS

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Country	Name of Installation	City	Cat IDPPC Code	Authorized Manpower Full-Time Permanently Assigned		Cil.	Tot. Acreege	Total Acreege	Major Unit Activity Function
				Mil.					
NAVY SHIP REPAIR FAC, YOKOSUKA	YOKOSUKA	YOKOSUKA	507 1	87	1789	1876	*	FLEET MAINTENANCE	
NAVAL FLEET ACTIVITY, YOKOSUKA	YOKOSUKA	YOKOSUKA	402 1	9451	336	9787	3400	FLEET SUPPORT	
PANAMA									
NAVAL SECURITY GP ACT, GALETA	GALETA	GALETA ISLAND	303 3	333	41	374	707	COMMUNICATIONS	
NAVAL STATION, PANAMA CANAL	ROOMAN	ROOMAN	402 3	698	484	1182	3166	LOGISTIC SUPPORT	
PHILIPPINES									
NAV COMM STA, PHILIPPINES	SAN MIGUEL	SAN MIGUEL	303 3	234	118	352	4233	COMMUNICATIONS	
NAV SHIP REPAIR FAC, SUBIC BAY	SUBIC BAY	SUBIC BAY	507 1	122	4576	4698	*	FLEET MAINTENANCE	
NAVAL AIR STATION, CUBI POINT	SUBIC BAY	SUBIC BAY	202 2	2972	828	3800	*	ATTACK/ASW AIRCRAFT	
NAVAL MAGAZINE, SUP. C BAY	SUBIC BAY	SUBIC BAY	507 3	305	251	556	*	STORE/MAINTAIN ORDNANCE	
NAVAL STATION, SUBIC BAY	SUBIC BAY	SUBIC BAY	402 1	3191	1402	4593	*	OPERATING BASE	
SPAIN									
NAVAL STATION, ROTA	ROTA	ROTA	202 2	3179	180	3359	6776	OPERATING/AIR BASE	
UNITED KINGDOM									
NAVAL SECURITY GP ACT, EDZELL	EDZELL	EDZELL, SCOTLAND	303 3	784	215	999	457	COMMUNICATIONS	
NAVAL SUPPORT ACT, SCOTLAND	HOLY LOCH	HOLY LOCH	402 3	1999	100	2099	70	FLEET SUPPORT	
NAVAL ACTIVITIES, U.K.	LONDON	LONDON	402 3	638	300	938	38	FLEET, SHORE ESTAB. SUPPORT	

## CHAPTER FOUR

### AIR FORCE BASE STRUCTURE

#### I. INTRODUCTION

The Air Force Base Structure Chapter to the DoD Base Structure Report for FY 91 is submitted in accordance with Section 115, Title 10, United States Code. Section I describes the criteria and rationale for classifying all Air Force facilities into one of four categories: Major installations, minor installations, support sites, and other activities. Section II discusses historical data on base structure and describes the criteria used by the Air Force to determine its base structure. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPPC) to the current base structure. Major changes to the FY 91 force structure and their impact on the base structure are also described in Section III. Section IV details projected FY 91 Air Force base operating costs. Section V summarizes major actions taken and alternatives being pursued to reduce base operating costs. Finally, Section VI contains a summary of all Air Force facilities, and by name listing of major and minor Air Force installations.

During 1986 the Air Force reclassified its bases into four categories: major installations, minor installations, support sites, and other activities.

The primary reason for the reclassification effort was to update and describe accurately the Air Force's actual installation posture. The previous system categorized all Air Force properties as either major or minor installations. Clearly, many of those properties were not "installations" and should not have been reported as such. With the Air Force's broad spectrum of roles, missions, and organizations of varying sizes, two categories did not accurately describe the Air Force structure. The four new categories are explained below.

1. A major installation is a self-supporting center of operations for Air Force combat, combat support, or training. To qualify as a major installation, an activity must satisfy all of the following criteria:

a) Be operated by an Active, Guard, or Reserve unit of group size or larger.

b) Have all the organic support to accomplish the unit mission. For example, a major flying organization has the organic maintenance to support its aircraft and the organic base support structure to manage resources and maintain facilities.

c) Have real property accountability through ownership,

lease, permit, or other written agreement for all real estate and facilities necessary to conduct the unit's assigned mission. Agreements with foreign governments or Federal, State or local agencies, which give the Air Force jurisdiction over real property meet this requirement. In the case of Guard or Reserve units at civil airports, shared use agreements (as opposed to joint use agreements where the military owns the runway normally do not give the Air Force exclusive control over runways, taxiways, etc., and therefore, do not meet the criteria to be a major installation.

2. Minor installations are facilities operated by Active, Guard, or Reserve units of at least squadron size that do not satisfy all the criteria for a major installation. Examples of minor installations are Guard or Reserve squadron flying operations that are located at civilian controlled airfields. These are smaller operations compared to active organizations where the Air Force owns and controls the runways and requires larger support operations for a permanent base population.

3. A support site is a detached piece of real property operated by an Active, Reserve, or Guard component that provides general support to the Air Force mission as opposed to supporting a particular installation. Examples of support sites are missile tracking sites; radar bomb scoring sites; Air Force-owned, contractor-operated plants; and radio relay sites.

4. The fourth classification category is called other activities. These are Air Force units that have little or no real property accountability over the real estate they occupy. Examples include Active, Guard, or Reserve Air Force units that are located on installations belonging to other Services or leased office space that supports recruiting detachments, Office of Special Investigations Detachments, etc.

In conclusion, the Air Force classification system is designed to accurately describe Air Force installation posture. Major installations are self-supporting centers or operations. Minor installations are smaller operations with a squadron or larger presence. Support sites are detached entities that provide generalized support to the Air Force mission. Finally, other activities are Air Force functions that have little or no real property accountability. To place these categories in FY 91 context, the Air Force possesses a total of 260 installations: 140 major and 120 minor. There are also numerous smaller support sites and other activities.

## II. BASE STRUCTURE OVERVIEW

The Air Force base posture has been carefully structured to support the assigned forces. Since forces are a dynamic element, their supporting base posture is also dynamic. As forces evolve, base requirements change and realignments in the base posture are required. The specific considerations and criteria used to

determine whether or not a base would be a suitable realignment or closure candidate vary widely from operational to physical requirements. Ultimately, however, all base realignments must be carefully weighed against the overall mission requirements of the Air Force.

#### MAJOR CONSIDERATIONS AND CRITERIA:

In determining the effectiveness of an installation, major consideration must be given to operational and training requirements, force deployments, use of multi-mission bases, and future flexibility.

These considerations have evolved into a broad set of criteria which are used by the Air Force in developing and evaluating base realignment proposals. They are geographic location, facility availability and condition, community services available to support Air Force activities and personnel, potential to accommodate future force requirements, existing or future encroachment which might impact Air Force operations, budgeting considerations inherent in the proposed realignment action, possible adverse environmental impact, and mission degradation as a result of force turbulence.

Air National Guard and Air Force Reserve units must also consider demographics in making basing decisions. The local and surrounding communities must have a population base large enough to support recruiting of full and part-time personnel.

Major considerations and criteria cannot be weighed independently in reaching basing decisions; rather, they have to be evaluated as a whole to achieve an optimum balance. The relationships between each of the four major considerations and the resultant criteria are discussed next.

#### MAJOR CONSIDERATIONS:

Operational and Training Requirements: Since the Air Force base posture exists to support the missions of assigned forces, the ability of each base to meet its assigned forces' unique operational and training requirements are of paramount importance. Each force element, such as strategic offense, tactical fighter, strategic airlift, or training, places unique demands on airspace, ranges, training routes, lines of communication, and facilities.

The current base posture reflects a force beddown in which the forces' operational and training requirements are best supported. The entry of new weapon systems into the Air Force inventory may, however, require changes to that base posture. Other factors such as a revised threat assessment, loss of training areas, or encroachment may also require force realignment. In each case, the Air Force continually seeks to

optimize its base posture consistent with its overall force requirements. These requirements will be summarized in Section III under the appropriate Installation Defense Planning and Programming Category (IDPPC).

Force Deployment: The military force structure is based on national strategy. This strategy determines not only potential geographical areas in which U.S. forces would be used, but also which forces would be deployed or employed from the CONUS. The number and type of bases required to support these forces, both overseas and in the CONUS, directly relate to our ability to meet our strategic goals.

Use of Multi-Mission Bases: A major expense of each installation is the cost of resources required to "open the door," i.e., the fixed base operating support resources such as facilities, manpower, and materials required because of the existence of the installation. These costs are relatively insensitive to changes in the assigned mission. Variable base operating support resources are adjusted to support requirements of the assigned missions. When missions are compatible and facilities are available, collocating two or more missions can often reduce costs. For example, a support mission (logistics depot) may coexist with a major operational unit (tactical fighter wing). Additionally, missions performed by a relatively small number of personnel with limited equipment requirements may be accommodated most economically on bases which have major missions.

Although consolidation of missions may yield economies, the Air Force must also consider the compatibility of assigned missions. Collocations which create competition for scarce resources (such as gunnery range availability) may save support dollars but could increase operational costs or adversely affect combat readiness.

Future Flexibility: Realignment actions resulting in base closures limit future flexibility to meet programmed and unprogrammed force adjustments. Consequently, bases selected for closure should generally be those with the least flexibility to absorb future requirements. If flexibility were the sole determinant, bases which have constraints such as airspace limitations, encroachment by civilian activities, limited real estate, inadequate community services, and poor facilities should logically be considered for closure prior to bases which have the potential to accommodate additional or new missions.

Special Overseas Political Considerations: USAF posture overseas may often be a result of host nation requirements which dictate a less than optimum basing solution. Because of these restrictions, the USAF is not always free to operate, expand, or contract its overseas operations in a totally unrestricted manner. This can impact the USAF's ability to carry out certain aspects of its mission.

CRITERIA: (Developed from the above major considerations)

Geographic Location: The geographic location of an installation influences the ability of assigned forces to execute their missions. Geographic factors include weather, availability of training areas, proximity to employment/deployment routes, airspace availability, and transportation networks. For each mission, there are optimum geographic locations which provide maximum operational effectiveness. See Section III for additional discussion.

Facility Availability: A goal in realignment actions is maximum use of existing facilities and minimum expenditure for new facilities. Mission related facilities as well as support facilities must be considered. An operational flying activity, for example, will require a runway complex (with specific width, length and load-bearing capacity), adequate ramp space for aircraft parking, and a maintenance complex capable of supporting the assigned aircraft (e.g., proper size docks and hangars, sufficient communications, electronics, and avionics maintenance space, etc.). Conversely, for administrative and headquarters activities, the proper amount of administrative space is essential. For non-flying training activities, classroom and student housing are key factors. For all actions, availability of housing (single and family) for any increase in population is a significant element.

Certain unique facility requirements are generated by intelligence, communications, logistics, and research and development activities. For example, laboratories, which must be shielded from electronic emissions, are expensive and time consuming to construct. Relocation to installations which do not have facilities available to accommodate these functions may not be feasible due to the cost and construction time. These facilities must often be duplicated and operational prior to shutting down the current activity. This creates a temporary, expensive, redundant requirement not only for facilities and equipment, but manpower as well. Similar circumstances exist in relocating some flying support functions, such as aerial port facilities, which require large terminal complexes to receive and process cargo and passengers.

Facility requirements for small missions are often satisfied with minimum modifications to existing bases. This is particularly true if the unit has no special storage or maintenance requirements.

The overall condition of the real property facilities at the base is an important element in the selection process. Relocating an activity to another base may be more appropriate if the activity is currently on an installation where most mission and support functions are housed in substandard and deteriorated facilities. It is generally more economical to construct a few



additional facilities at a more modern base and consolidate missions rather than to replace the substandard facilities and continue base operating costs at two bases.

An additional consideration is the extent a base's facilities support other activities or installations in the area. If a base provides hospital, housing, and other support functions for surrounding installations, it may not be possible to close the base completely. As a result, savings from the realignment may be significantly less than at a base where all activities can be shut down.

Community Service: Civilian resources (e.g., community housing, medical facilities, schools, and recreational facilities) are considered in developing base realignment actions. When possible, base realignment actions should take maximum advantage of existing civilian resources to support the assigned personnel. Of particular importance is family housing. Areas with a residual capability to house Air Force families adequately not only negate the cost of providing government housing, but also facilitate rapid completion of the proposed realignment actions. Conversely, areas where community support facilities are limited place greater demands on base housing and facilities. Adequate facilities, both on and off a base, are also important in terms of morale.

Future Force Requirements: Future force requirements must be responsive to changes in the threat and national policy. Since these requirements cannot be predicted with certainty, flexibility must be maintained within the existing base posture. This entails developing reasonable assumptions on what force changes might occur and determining how the various basing options could support these changes. Future fighter systems, for example, will have an increasing requirement for training in the supersonic regimes of flight. Closing a base with good access to supersonic flying airspace would thus be shortsighted.

Although flexibility is a subjective consideration, some instances do lend themselves to objective analysis. For example, for pilot production, capacity at each undergraduate pilot training base can be determined. Based on the required levels of pilot production, the degree of flexibility (unused production capacity) within the system can be determined and the system's surge capacity can be calculated. As a result, the degree of flexibility in the system can be predicted and controlled. Workload versus base capacity can similarly be determined for other training and support activities.

Unfortunately, most potential changes are not the result of clearcut workloads, making them difficult to quantify. For example, the flexibility of the base to accommodate redeployment of forward deployed tactical units to the CONUS depends on many variables. Among these are type of unit, activity levels of the units, as well as a determination as to whether they are to be

retained as active duty forces or transferred to the Guard or Reserve. In these instances, the underlying assumptions are subjective. Subjectivity notwithstanding, it is important that base realignment alternatives be weighed in terms of their potential to meet unprogrammed force changes.

Encroachment: Urban and airspace encroachment into vital areas surrounding installations a continuing concern. Some installations originally built well away from population centers have subsequently attracted major growth and, as a result, are now pressured by line of sight intrusion, noise complaints, and encroachment into accident potential zones. The potential of civil and private air traffic congestion must also be considered in basing programs. Encroachment, therefore, is an important element in determining the continued viability of an installation and future base realignment action.

A program exists to protect installations from encroachment. Under Air Installation Compatible Use Zone (AICUZ) guidance, planning data is provided to an intergovernmental/interagency forum to reduce encroachment through consolidating similar activities. However, in areas where encroachment has become a major problem, its impact must be considered in developing future plans.

Budget: High cost, single mission installations with limited real estate and outmoded, functionally inefficient facilities are prime candidates for closure. Significant annual savings may result from the closure of such bases. However, the relative cost-effectiveness must be determined on a case-by-case basis. Closing a base by eliminating the mission or function generally results in significant annual savings. Retaining and consolidating missions can result in saving by "economies of scale." These savings are offset in part or whole, however, by the costs to move a unit's personnel and costs to build facilities needed to consolidate. Initial and annual savings must be weighed against the one-time construction and relocation costs of the various options. Cost savings from closure of a multi-mission base usually result in a longer period of amortization because costs are incurred to move the primary unit and all other units to new beddown locations. Large outlays in construction or equipment funds are generally not cost-effective and options which depend on such outlays are generally avoided unless no other suitable alternative exists.

Environment: All proposed federal actions must be analyzed to determine the significance of potential environmental impacts. The analysis may find the proposed action has no significant effect on the human environment and qualifies for a Categorical Exclusion and therefore needs no further study. Alternatively, it may reveal the proposed action requires either an Environmental Assessment or the more extensive Environmental Impact Statement. Each of these documents is prepared in accordance with strict Federal, Presidential, and departmental

regulations. When completed, they provide additional data to aid in the decision making process.

Mission Degradation: Realignment actions, by their very nature, result in turbulence both in personnel and in mission effectiveness. The degree of turbulence is a consideration if it resulted in significant mission degradation. Certain activities cannot be allowed to "stand down" and, as a result, realignments of these activities require extraordinary measures to permit virtually instantaneous relocation. Also, work force composition is a consideration in that a highly specialized or unique work force of civilians may complicate relocation. These factors must be considered in evaluating realignment actions.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

Force programming is dynamic and subject to many variables and revisions. Basing is closely tied to force posture and, thus, is also dynamic. Changes occur in response to altered assessments of the existing threat, force level and composition changes, revised deployment concepts and strategy, the continuing impact of resource management efforts, and national political adjustments. Each change in force posture has the potential to cause additional base adjustments in training and logistical support areas. Thus, Air Force base structure may only be defined within the context of existing circumstances. A substantial change in these circumstances, e.g., a decision to reduce overseas forces, would require adjustments in the existing CONUS base structure. Timing of the expansion of a weapon system influences base selection, as do changes in force size and deployment concepts. In addition, base requirements for USAF weapon and support systems vary greatly due to differing weapon characteristics, operational support, and training requirements.

The ability to attain and maintain an operational posture which will ensure national security and support legitimate international commitments continues to be a prime objective in Air Force deployment decisions. Base selection and development must not only support employment plans for major weapon systems (along with their required combat support capabilities), they must also provide for training requirements generated by those systems. This development must also consider related test and development activities, adequate personnel, logistics, and communications support.

The Air Force places considerable emphasis on attaining maximum economies in the base support area, thereby enabling a greater proportion of the defense dollar to be expended on direct combat capability. Review of the base structure is continually ongoing to identify installations whose closure might result in resource savings without impacting combat capability.

Since each mission category has its own unique operational and training requirements which dictate Air Force base structure,

each will be discussed separately. Specific major installations falling into each mission category, generally referred to as the IDPPC, are listed in Section VI.

#### STRATEGIC FORCES (100)

##### **- Basing Requirements - Strategic Offense**

In the basing of strategic offensive forces, careful consideration is given to geographic locations which maximize survivability of the force. For example, USAF Inter-Continental Ballistic Missiles (ICBMs) require sufficient area for adequate dispersal of launch sites. If Soviet submarine launched missiles are postulated to be the most critical threat against our bombers and tankers, then inland bases provide the greatest survivability due to the longer flight time of missiles. This does not imply that only inland bases should be considered for strategic offensive forces. Flying weather, airspace congestion, runways and pavements, maintenance and support facilities, and munitions storage capacity are all factors in basing decisions. A coastal base's force survivability can be enhanced through reposturing and dispersal to achieve the time needed to launch the force safely and effectively.

Other operational requirements such as targeting, ranging and bomber/tanker mating must be considered when determining force beddown locations. Lateral support supplied to other commands, such as refueling overseas deployments of fighters, are also necessary considerations. Some overseas basing also enhances strategic operational effectiveness.

##### **- Coming Force Structure Actions and Their Impact on Base Structure**

The Administration has committed the United States to a program of strategic force modernization, including modernization of the ICBM force and deployment of the B-1B and B-2. In keeping that commitment, the Air Force has deployed 50 Peacekeeper missiles in Minuteman III silos at F.E. Warren AFB, WY and will transfer those Peacekeepers to rail garrisons to enhance their survivability. Further, the Air Force is in the initial stages of developing and deploying small mobile ICBMs. Basing studies for this system are underway.

Lastly, the Air Force is continuing to plan and program for the development of the Strategic Training Range Complex in the northwestern United States.

##### **- Basing Requirements - Strategic Defense**

For strategic defensive systems, factors such as enemy weapon system performance, likely targets, and routes of attack

are considered in basing decisions. Also considered are assessments of warning time to intercept, identify, and destroy the enemy vehicle. After consideration of all factors involved, a determination is made on the most effective deployment area. In general, this analysis dictates peripheral coverage of the CONUS for both radar and interceptor aircraft basing, with forward deployed and over-the-horizon radars providing early attack warning.

- Coming Force Structure Actions and Their Impact on Base Structure

The Air Force initiative to upgrade and streamline the Air Defense force structure is continuing. The modernization effort to replace aging air defense F-4C aircraft with more capable F-15s and F-16s is progressing on schedule. It will sustain the fleet into the next century.

The Air Force is moving ahead with the deployment of the Over-the-Horizon Backscatter radar system. Construction of the East Coast system is complete, and undergoing test and evaluation. The west coast is nearly complete and the contract for the Alaskan radar will be awarded in FY 91. The central radar is awaiting funding.

- Basing requirements - Space Operations

Air Force Space Command, a component of US Space Command, manages and operates assigned space assets. These missions require a decentralized facility structure that provides flexible launch capability; coverage for attack warning, surveillance and satellite control.

- Coming Force Structure Actions and their Impact on Base Structure

Falcon AFB, which is just east of Colorado Springs and home of the 2nd Space Wing along with Onizuka AFB near Sunnyvale, CA, are expanding to assume a greater role in satellite control. In addition, organizations, personnel, and facilities associated with space launch operations are transferring from Air Force Systems Command to Air Force Space Command.

GENERAL PURPOSE FORCES (200)

- Basing Requirements - Tactical

The nature of the tactical mission and its inherent complex equipment require considerable training facilities in the CONUS. Accessibility of weapons ranges, proximity to training airspace (to include supersonic capability), and suitable weather to conduct the large volume of training are necessary. CONUS units conduct the initial weapon system training for all US Tactical Air Forces and provide a ready source of deployable forces for

contingency response. This world-wide deployment tasking places some additional constraints on basing posture since forces should be conveniently aligned to airlift and tanker support. In addition, tactical forces which directly support the Army, such as tactical air control units, should be located as close as possible to support Army training and operational requirements.

Tactical forces overseas are based according to strategic, tactical, and security policy considerations in addition to any usual CONUS basing criteria. Each base must be capable of efficient peacetime operation and be prepared to meet the mission requirements it is tasked to conduct in combat or contingency situations. Each type of mission has its own peculiar basing requirements according to current strategies and contingency plans. The need for combat dispersal must be considered along with a requirement to receive forces from the CONUS in time of crisis. The overseas base structure must maintain a capability to respond to changing tactical and strategic situations. The overseas base structure requires cooperation of host governments, hence basing requirements must be set in the context of international security policy.

#### - Coming Force Structure Actions and Their Impact on Base Structure

The Air Force will continue to modernize the fighter force as it brings additional new F-15 and F-16 aircraft into the active inventory. The results of this effort will be aimed at the Air Reserve Components where increasing numbers of older F-4s and A-7s will be retired and replaced with F-16s from the active forces. As a part of this overall effort, the Air National Guard has been given a dedicated training capability in the F-16 for the first time. This capability will be expanded as the ANG acquires more F-16 assets.

#### - Basing Requirements - Mobility

Beddown locations for airlift units are normally determined by wartime taskings, peacetime operations, and training requirements.

Units primarily tasked to support inter-theater airlift are normally located along the east and west coasts of the United States in proximity to major transportation hubs. This basing strategy maximizes efficient use of available airlift assets and expedites personnel and cargo movement through the DoD transportation system. Forces primarily tasked to support inter-theater airlift requirements and close support of combat forces are located in proximity to the units of types of forces they will support. These airlift units require extensive training areas for low-level flying and restricted airspace for practicing aerial delivery of paratroopers and equipment. Collocating airlift with supported units enhances integration and builds

cohesiveness.

- Coming Force Structure Actions and Their Impact on Base Structure

Airlift force structure changes are designed to modernize the force and to expand the role of the Air Reserve Component in the airlift mission. The active duty force will soon receive its first C-17. This will add new dimensions to national airlift capacity and flexibility.

Special operations forces are being strengthened by the introduction of additional MH-53 Pave Low helicopters, MC-130 Combat Talon aircraft, and AC-130 Gunships into the inventory.

AUXILIARY FORCES (300)

- Basing Requirements

Air Force Systems Command (AFSC) is responsible for the research, development, production, and procurement actions necessary to acquire aerospace weapon systems and support systems essential to the Air Force mission. AFSC delivers complete and operable systems to the using major commands. To accomplish its mission, AFSC must have extensive test facility complexes for aircraft, missiles and associated components. These complexes require runways, large areas of restricted airspace, numerous range and tracking facilities, and access to environmental testing facilities. Facilities for administration of test programs and the correlation of basic and applied research during weapons development are also required.

The Air Force Communications Command's (AFCC) mission is to provide the Air Force and the Department of Defense with communications, data automation, electronic and engineering installations, and air traffic control. For this tasking, AFCC requires facilities which permit ready access to related commercial facilities. Other locations in relatively remote areas act as communications links.

- Coming Force Structure Actions and Their Impact on Base Structure

The President and Secretary of Defense initiated a Defense Management Review (DMR) during 1989 which targeted the acquisition process for streamlining. The DMR initiatives will be implemented over the next few years.

MISSION SUPPORT FORCES (400)

- Basing Requirements

Extensive facilities are required for mission support functions to sustain Air Force mission equipment and personnel. For example, medium range aircraft require refueling stops on transoceanic flights. These installations must have runways of sufficient length and weight bearing capacities to support transient aircraft and must have adequate billeting and other services available for transient personnel.

- Coming Force Structure Actions and Their Impact on Base Structure

There are no major force structure changes.

CENTRAL SUPPORT FORCES (500)

The mission of the Air Force Logistics Command (AFLC) is to provide responsive, effective, and economical support to meet the wide variety of missions assigned to the United States Air Force. To accomplish these tasks effectively, logistic support installations must be adjacent to transportation network terminals and facilities. Extensive warehousing, open storage and aircraft maintenance facilities, plus facilities for automated requisitioning, procurement, and associated data storage activities are essential.

Air Training Command (ATC) requires the availability of extensive classroom, library and study facilities. Secure training facilities are required when training is being conducted on classified systems.

The location of flying activities within areas of favorable flying weather and adjacent to unrestricted areas of airspace is essential for undergraduate pilot training (UPT) bases. Three parallel runways are highly desirable for main training bases with auxiliary fields within a short distance from the main base.

- Coming Force Structure Actions and Their Impact on Base Structure

There are no major force structure changes.

**IV. BASE OPERATING COSTS FOR FY 1991**

A summary of the estimated FY 1991 cost (\$ million) for Air Force Base Operating Support follows.

Base operating costs identified in this section are not limited to those major and minor installations described in Section VI, but include all Air Force property listed in the real property inventory.

Base operating costs as defined here include military family housing and military construction costs as well as recurring operating costs such as utilities, facilities maintenance, and



other support activities. Users are cautioned that military family housing, military construction, and recurring operating costs vary among bases. Therefore, base operating costs, defined as these are, would not be suitable for comparisons among bases.

Additional details related to Air Force management of base operating support functions can be obtained from the Air Force study entitled, Air Force Management of Base Operating Support Functions. This study describes the relationship of Air Force base operating support functions to Air Force combat capability and outlines how the Air Force is organized to conduct base operating support activities.

#### **V. ACTIONS TO ENHANCE EFFICIENCIES AND REDUCE COSTS**

In January 1990, the Air Force began to implement the recommendations of the Secretary of Defense's Commission on Base Realignment and Closure as directed by Public Law 100-526.

Plans call for completing the force structure (aircraft and related personnel) movement at Pease AFB, NH, in early 1991; George AFB, CA, in mid 1992; Mather AFB, CA, in mid 1993; and Norton AFB, CA, in late 1993. Chanute AFB, IL, technical training course movement is scheduled to be completed by early 1993. Estimated closure of Pease is January 1991; Chanute is July 1993; George is December 1992; Mather is July 1993; and Norton is April 1994. The timing of the actions was planned to minimize the impact on the communities and provide interim reuse of facilities as they become available.

The Air Force will continue to use base closures and realignments as a primary means for reducing costs and enhancing efficiencies as threat and budgetary considerations draw down force structure.

AIR FORCE

BASE OPERATING SUPPORT COSTS  
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories &amp; Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
Strategic Forces	867.9	22.2	37.1	927.2
General Purpose Forces	753.2	-	1,327.4	2,080.6
Intell/Communication	41.4	0.2	49.7	91.3
Airlift/Sealift	476.8	-	41.5	518.3
Guard & Reserve Forces	336.0	0.8	-	336.8
Research & Development	154.1	-	-	154.1
Central Supply & Maintenance	826.9	0.9	22.0	849.8
Training, Medical, & Other General Purpose Activities	716.1	-	12.4	728.5
Administration & Assoc. Activities	76.8	-	-	76.8
Support to Other Nations	-	-	-	-
<b>SUBTOTAL</b>	4,249.2	24.1	1,490.1	5,763.4
Construction	1,393.0	10.7	305.5	1,709.2
Family Housing O & M	<u>444.4</u>	<u>13.4</u>	<u>331.5</u>	<u>789.3</u>
<b>TOTAL</b>	6,086.6	48.2	2,127.2	8,261.9

## SUMMARY OF NUMBER OF AIR FORCE INSTALLATIONS

Mission Category (IDAPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC (101)	26	1	2	29
INTELLIGENCE AND COMMUNICATIONS (103)	2	0	1	3
GUARD AND RESERVE (105)	8	0	0	8
RESEARCH AND DEVELOPMENT (106)	2	0	0	2
GENERAL PURPOSE (202)	28	0	41	69
INTELLIGENCE AND COMMUNICATIONS (203)	2	0	2	4
AIRLIFT/SEALIFT FORCES (204)	11	0	3	14
GUARD AND RESERVE (205)	26	1	0	87
INTELLIGENCE AND COMMUNICATIONS (303)	1	0	0	1
RESEARCH AND DEVELOPMENT (306)	7	0	0	7
CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)	2	0	0	2
STRATEGIC (401)	2	0	0	2
GENERAL PURPOSE (402)	1	0	3	4
CENTRAL SUPPLY AND MAINTENANCE (507)	9	0	0	9
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	18	0	0	18
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	1	0	0	1
TOTAL AIR FORCE	206	2	52	260



Authorized Manpower  
Full-Time Permanently  
Assigned

State	Base	City	IDPC Code	Mil.	Cil.	Tot.	Total Acroage	Major Unit Activity Function
CALIFORNIA	IRA EAKER (GLYNNVILLE) AFB	BLYTHEVILLE	101 1	2919	322	3241	3915	97 BOMBARDMENT WING
	FORT SMITH MAP AGS	FORT SMITH	205 2	2	297	299	98	188 TAC FIGHTER GROUP (ANG)
	LITTLE ROCK AFB	JACKSONVILLE	204 1	5300	964	6264	11548	314 TACTICAL AIRLIFT WING
	GEORGE AFB	ADELANTO	202 1	4453	537	4990	61663	35 TACTICAL FIGHTER WING
LOS ANGELES AFB	EL SEGUNDO	EL SEGUNDO	306 1	1927	1603	3530	194	SPACE DIVISION
	TRAVIS AFB	MURFIELD	204 1	8005	2228	10233	7621	60 MILITARY AIRLIFT WING
	FRESNO AIR TERMINAL AGS	FRESNO	205 2	3	392	395	139	144 FIGHTER INTERCEPT WING (ANG)
	VANDERBERG AFB	LOMOOC	106 1	3550	1406	4956	98947	SPACE & MISSILE TEST CENTER
SEALE AFB	MARYSVILLE	MARYSVILLE	101 1	4013	467	4480	22944	9 STRATEGIC RECON WING
	CASTLE AFB	MERCED	101 1	4940	406	5346	3257	93 BOMBARDMENT WING
	NORTH HIGHLANDS AGS	NORTH HIGHLANDS	205 2	4	40	44	9	COMMUNICATIONS (ANG)
	ONTARIO IAP AGS	ONTARIO	205 2	1	24	25	51	COMMUNICATIONS (ANG)
MATHER AFB	RANCHO CORDOVA	RANCHO CORDOVA	508 1	2302	1043	3345	5845	323 FLYING TRAINING WING
	EDWARDS AFB	ROSAMOND	306 1	4650	2339	7189	307970	AF FLIGHT TEST CENTER
	MCCLELLAN AFB	SACRAMENTO	507 1	3455	12324	16379	3845	AIR LOGISTICS CENTER
	NORTON AFB	SAN BERNARDINO	204 1	3395	2772	167	2339	63 MILITARY AIRLIFT WING
MARCH AFB	SUNNYMEAD	SUNNYMEAD	101 1	3516	1385	4901	7379	22 AIR REFUELING WING
	ONTIQUA AFB	SUNNYVALE	306 1	782	250	1032	26	R&D ACTIVITIES
	VAN NUYS AIRPORT AGS	VAN NUYS	205 2	4	372	376	88	146 TAC AIRLIFT WING (ANG)
	COLORADO	AUROPA	205 1	628	651	1279	7113	140 TAC FIGHTER WING (ANG)

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Authorized Manpower  
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State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
CHEYENNE MOUNTAIN COMPLEX	COLORADO SPGS	101 1	1543	349	1892	519	COMMUNICATIONS, CMD & CONTROL
PETERSON AFB	COLORADO SPGS	401 1	3294	1706	5000	1156	1 SPACE WING
US AIR FORCE ACADEMY	COLORADO SPGS	508 1	2451	1940	4391	19268	OFFICER ACQUISITION TRAINING
LOWRY AFB	DENVER	508 1	3430	4108	7558	5527	TECHNICAL TRAINING CENTER
FALCON AFB	ELLICOTT	401 1	663	344	2007	640	2 SPACE WING, CSOC
CONNECTICUT							
ORANGE AGS	NEW HAVEN	205 2	1	44	45	29	AIRCRAFT CONTROL/WARNING (ANG)
BRADLEY IAP AGS	WINDSOR LOCKS	205 2	2	293	395	160	103 TAC FIGHTER GROUP (ANG)
DELAWARE							
DOVER AFB	DOVER	204 1	4781	1389	6170	3734	436 MILITARY AIRLIFT WING
GREATER WILMINGTON APT AGS	NEWPORT	205 2	1	245	246	57	166 TAC AIRLIFT GROUP (ANG)
DIST OF COLUMBIA							
ROLLING AFB	WASHINGTON	509 1	3333	1166	4499	611	AIR FORCE DISTRICT WASH
FLORIDA							
AVON PARK AFB	AVON PARK	202 2	246	96	344	106210	RANGE/AUXILIARY AIRFIELD
JACKSONVILLE IAP AGS	FALLAHAN	205 2	2	400	402	332	125 FIGHTER INTERCEPT GP (ANG)
PATRICK AFB	COCOA BEACH	307 1	3559	1275	4834	8722	AF EASTERN TEST RANGE
DUKE FIELD	CRESTVIEW	202 2	356	346	682	1348	919 SPECIAL OPS GROUP (AFR)
HOMESTEAD AFB	HOMESTEAD	202 1	4088	1060	5148	3382	31 TACTICAL FIGHTER WING
HURLBURT FIELD	MARY ESTHER	202 1	8303	660	8963	6633	2380 AIR FORCE
TYNDALL AFB	PANAMA CITY	202 1	4752	1096	5848	29000	AIR DEFENSE WEAPONS CENTER
CAPE CANAVERAL AFB	PORT CANAVERAL	307 2	308	338	726	15435	EASTERN TEST RANGE

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State	Name of Installation	City	IDPPC Code	Cat	Mil.	Cil.	tot.	Total Acreege	Major Unit Activity Function
FLORIDA	MACDILL AFB	TAMPA	202 1	1	6331	913	7244	5767	56 TACTICAL TRAINING WING
	EGLIN AFB	VALPARISO	306 1	1	8707	3924	12631	455817	ARMAMENT DEVELOPMENT&TEST CTR
GEORGIA	MCCOLLUM AFS	KENNESAW	205 2	2	1	47	48	13	AIRCRAFT CONTROL/WARNING (ANG)
	ROBBINS AFB	MARIETTA	205 1	1	96	616	712	1901	94 TAC AIRLIFT WG (AFR) + ANG
	SAVANNAH IAP AFS	SAVANNAH	205 2	2	1	263	264	232	165 TAC AIRLIFT GROUP (ANG)
	MOODY AFB	VALDOSTA	202 1	1	1175	460	3635	6052	347 TACTICAL FIGHTER WING
	ROBBINS AFB	WARNER ROBINS	507 1	1	3944	14775	18719	8790	AIR LOGISTICS CENTER
HAWAII	HICKAM AFB	HONOLULU(APOSF)	402 1	1	4978	2182	7160	7818	HQ PACAF
	KOKEE AFS	KEKAHA	106 2	2	*	38	38	11	SPACE TRACKING
	WHEELER AFB	WAIKANA (APOSF)	202 1	1	1815	452	2267	1391	22 TACTICAL AIR SUPPORT SQD
IDAHO	BOISE AIR TERMINAL AFS	BOISE	205 2	2	"	500	500	1994	124 TAC RECON GROUP (ANG)
	MOUNTAIN HOME AFB	MOUNTAIN HOME	202 1	1	3834	591	4425	118579	366 TACTICAL FIGHTER WING
ILLINOIS	GREATER PEORIA APT AFS	PEORIAVILLE	205 2	2	1	253	254	137	182 TAC AIR SUPPORT GROUP (ANG)
	SCOTT AFB	PEORIAVILLE	204 1	1	7141	3377	10518	3170	HQ MAC
	O'HARE IAP AFS	CHICAGO	205 2	2	*	371	371	391	928 TAC AIRLIFT GROUP (AFR)
	CHANUTE AFB	RAVENS	508 1	1	2761	1027	3388	2174	TECHNICAL TRAINING CENTER
INDIANA	CAPITAL MAP AFS	SPRINGFIELD	205 2	2	3	308	311	91	183 TAC FIGHTER GROUP (ANG)

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State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
IOWA	GRISWOLD AFB	BUNKER HILL	101 1	2465	797	3262	305 AIR REFUELING WING
	FT WAYNE MAP AGS	FORT WAYNE	205 2	3	377	380	122 TAC FIGHTER WING (ANG)
	MULHAN REGIONAL APT AGS	TERRE HAUTE	205 2	2	318	320	181 TAC FIGHTER GROUP (ANG)
	DES MOINES IAP AGS	DES MOINES	205 2	1	338	339	132 TAC FIGHTER WING (ANG)
KANSAS	SIoux CITY MAP AGS	SERGEANT BLUFF	205 2	1	289	90	185 TAC FIGHTER GROUP (ANG)
	FORBES FIELD AGS	PAULINE	105 2	1	368	369	190 AIR REFUELING GROUP (ANG)
KENTUCKY	MCCONNELL AFB	WICHITA	101 1	3155	1270	4425	384 AIR REFUELING WING
	STANDIFORD FIELD AGS	LOUISVILLE	205 2	1	317	318	123 TAC RECON WING (ANG)
LOUISIANA	ENGLAND AFB	ALEXANDRIA	202 1	3134	433	3567	23 TACTICAL FIGHTER WING
	BARKSDALE AFB	BOSSIER CITY	101 1	6093	1159	7252	2 BOMBARDMENT WING
	HAMMOND AGS	HAMMOND	205 2	*	26	26	14 COMMUNICATIONS (ANG)
	BANGOR AGS	BANGOR	105 2	41	416	457	101 AIR REFUELING WING (ANG)
MARYLAND	LORING AFB	LIMESTONE	101 1	3227	513	3740	42 BOMBARDMENT WING
	SOUTH PORTLAND AGS	SOUTH PORTLAND	205 2	2	39	41	12 COMMUNICATIONS (ANG)
	MARTIN STATE AGS	BALTIMORE	205 2	2	469	471	135 TAG + 175 TFG (ANG)
MASSACHUSETTS	ANDREWS AFB	CAMP SPRINGS	204 1	7484	3245	10729	89 MILITARY AIRLIFT WING



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State	Name of Installation	City	ICPPC Code	Mil.	Cil.	Tot. Acreage	Total	Major Unit Activity Function	
MISSISSIPPI	HANSCOM AFB	BEDFORD	306 1	2068	2709	4777	1075	ELECTRONICS SYSTEMS DIV (AFSC)	
	CAPE COD AFS	BOURNE	103 2	102	10	112	101	PAVE PAWS	
	WESTOVER AFB	CHICOPEE	205 1	8	977	985	2850	439 AIRLIFT WING (AFR)	
	OTIS AFB	FALMOUTH	205 1	2	694	696	3860	102 FIGHTER INTERCEPT WING (ANG)	
	WELLESLEY AFB	WELLESLEY	205 2	*	39	39	7	COMMUNICATIONS (ANG)	
	BARNES MUNICIPAL AIRPORT AGS	WESTFIELD	205 2	2	294	296	134	104 TAC FIGHTER GROUP (ANG)	
	WORCHESTER AGS	WORCHESTER	205 2	2	63	65	8	COMMUNICATIONS (ANG)	
	MINNESOTA	W K KELLOGG REGIONAL APT AGS	BATTLE CREEK	205 2	1	245	246	81	110 TAC AIR SUPPORT GROUP (ANG)
		W. I. SAWYER AFB	GWINN	101 1	3460	397	3857	5317	410 BOMBARDMENT WING
		SELEBRIDGE AGE	MT CLEMENS	205 1	83	1458	1541	3701	127 TAC FIGHTER WING (ANG) + AFR
WURTSMITH AFB		OSCODA	101 1	3217	3	3572	5223	379 BOMBARDMENT WING	
DULUTH AGS		DULUTH	205 2	2	401	403	735	148 FIGHTER INTERCEPT GP (ANG)	
MINNEAPOLIS/ST PAUL IAP AGS		MINNEAPOLIS	205 2	13	629	642	300	133 TAC AIRLIFT WING (ANG) + AFR	
MISSOURI		KEESLER AFB	BILOXI	506 1	5740	2268	8008	3546	TECHNICAL TRAINING CENTER
		COLUMBUS AFB	COLUMBUS	506 1	1418	386	1804	5467	14 FLYING TRAINING WING
		ALLEN C THOMPSON FIELD AGS	FLOWERS	205 2	1	305	306	84	172 MILITARY AIRLIFT GROUP (ANG)
		GULFPORT/BILOXI MAP AGS	GULFPORT	205 2	1	108	109	206	TRAINING SITE (ANG)
	KEY FIELD AGS	MERIDIAN	205 2	4	361	365	64	186 TAC RECON GROUP (ANG)	

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MONTANA	RICHARDS GEBBAUR AFB	BEELTON	205 2	5	347	352	442 TACTICAL FIGHTER WING (AFR)
	ROSECrans MEMORIAL APT AGS	ELWOOD	205 2	2	282	284	139 TAC AIRLIFT GROUP (ANG)
	WHITEMAN AFB	KNOR NOSTER	101 1	3541	491	4032	351 STRATEGIC MISSILE WING
	LAMBERT ST LOUIS IAP AGS	ST ANN	205 2	13	413	426	131 TAC FIGHTER WING (ANG)
NEBRASKA	DMA AEROSPACE CTR	ST LOUIS	507 2	50	3266	3316	64 PRODUCTION-AEROSPACE MAPS(DMA)
	JEFFERSON BARRACKS AGS	ST LOUIS	205 2	2	62	64	135 AIRCRAFT CONTROL/WARNING (ANG)
	GREAT FALLS IAP AGS	GREAT FALLS	205 2	2	404	406	139 120 FIGHTER INTERCEPT GP (ANG)
NEBRASKA	MALMSTROM AFB	GREAT FALLS	101 1	4294	523	4817	341 STRATEGIC MISSILE WING
	JEFFUTT AFB	BELLEVUE	101 1	5203	1960	7163	55 STRATEGIC RECON WING, HQ SAC
NEVADA	LINCOLN MUNICIPAL AIRPORT AGS	LINCOLN	205 2	1	335	336	175 155 TAC RECON GROUP (ANG)
	TAN SPRINGS	TAN SPRINGS	202 2	*	*	*	2300 AUXILIARY FIELD/RANGE
NEW HAMPSHIRE	L. VEGAS	L. VEGAS	202 1	2630	1134	9764	124302 USAF TAC FIGHTER WEAPONS CNTR
	KENO	KENO	205 2	2	322	324	123 152 TAC RECON GROUP (ANG)
NEW HAMPSHIRE	TONOPAH	TONOPAH	306 3	*	*	*	43 R20 ACTIVITIES
	NEWINGTON	NEWINGTON	101 1	2073	674	2747	4272 509 BOMBARDMENT WING
NEW JERSEY	ATLANTIC CITY AFB	ATLANTIC CITY	205 2	1	346	347	177 FIGHTER INTERCEPT GP (ANG)
	WPL	WPL	204 1	4908	1980	6888	438 MILITARY AIRLIFT WING

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State	Name of Installation	City	IDPPC Code	Mil.	Cit.	Tot. Acreage	Total	Major Unit Activity Function	
HOLLAND AFB	ALAMOGORDO		202 1	5341	1107	6448	55273	49 TACTICAL FIGHTER WING	
	KIRTLAND AFB	ALBUQUERQUE	204 1	4912	4881	9793	43281	1550 CBT CREW TRAINING WING	
	CANNON AFB	CLOVIS	202 1	4262	449	4711	26638	27 TACTICAL FIGHTER WING	
NEW YORK	STEWART IAP AGS	NEW WINDSOR	205 2	1	564	565	328	105 MILITARY AIRLIFT GROUP (ANG)	
	NIAGARA FALLS IAP AGS	NIAGARA FALLS	205 2	2	789	791	985	914 TAC AIRLIFT GROUP (AFR)	
	PLATTSBURGH AFB	PLATTSBURGH	101 1	3744	392	4136	4880	380 BOMBARDMENT WING	
	GRIFFISS AFB	ROME	101 1	3942	2711	6653	5444	416 BOMBARDMENT WING	
	ROSLYN AGS	ROSLYN	205 2	2	47	49	50	COMMUNICATIONS (ANG)	
	SCHENECTADY AIRPORT AGS	SCHENECTADY	205 2	1	248	249	106	109 TAC AIRLIFT GROUP (ANG)	
	HANCOCK FIELD AGS	SYRACUSE	202 2	5	363	368	718	174 TAC FIGHTER WING (ANG)	
	SUFFOLK COUNTY AIRPORT AGS	WESTHAMPTON BCH	205 2	*	242	242	70	106 RESCUE/RECOVERY GROUP (ANG)	
	NORTH CAROLINA	BADIN AGS	BADIN	205 2	1	26	27	21	COMMUNICATIONS (ANG)
		CHARLOTTE/DODGLES IAP AGS	CHARLOTTE	205 2	1	327	328	69	145 TAC AIRLIFT GROUP (ANG)
POPE AFB		FAYETTEVILLE	204 1	4196	402	4598	1858	317 TACTICAL AIRLIFT WING	
SEYMOUR JOHNSON AFB		GOLDSBORO	202 1	4783	677	5460	50730	4 TACTICAL FIGHTER WING	
NORTH DAKOTA		GRAND FORKS AFB	EMERADO	101 1	5149	529	5659	23100	321 STRAT HSL WG & 319 BOMB WG
	HECTOR FIELD AGS	FARGO	205 2	7	385	392	133	119 FIGHTER INTERCEPT GP (ANG)	
	MINOT AFB	MINOT	101 1	5367	613	5980	22731	91 STRAT HSL WG & 5 BOMB WG	
	CAVALIER AFB	MOUNTAIN	103 2	25	10	35	650	ELECTRONICS STATION	

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State	Name of Installation	City	IDPPC Code	Mil.	Cil.	Int.	Total Acreage	Major Unit Activity Function
OKLAHOMA	CENTILE AFS	DAYTON	507 2	31	2213	2244	165	DEF ELECTRONICS SUPPLY CTR (DIA)
	WRIGHT-PATTERSON AFB	FAIRBORN	507 1	4333	8014	12547	8312	LOGISTICS COMMAND HQ
	NEWARK AFB	HEATH	507 1	78	2485	2563	69	LOGISTICS
	RICKENBACKER AFB	LOCKBOURNE	105 1	8	1075	1083	2327	160 AIR REFUELING GP (ANG) + AFR
	MANUSFIELD LAMN MAP AGS	MANUSFIELD	205 2	1	236	257	210	179 TAC AIRLIFT GROUP (ANG)
	CAMP PERRY AGS	PORT CLINTON	205 2	*	31	31	32	COMMUNICATIONS (ANG)
	SPRING 'ELD BECKLEY MAP AGS	SPRINGFIELD	205 2	6	328	334	113	128 TAC FIGHTER GROUP (ANG)
	TOLEDO EXPRESS APT AGS	SWANTON	205 2	2	285	287	79	180 TAC FIGHTER GROUP (ANG)
	YOUNGSTOWN MAP ARS	VIENNA	205 2	2	359	361	395	910 TAC AIRLIFT GROUP (AFR)
	ALTON AFB	ALTON	508 1	3740	572	4312	4405	443 MILITARY AIRLIFT TNG WG
OREGON	VANCE AFB	ENID	508 1	831	115	946	4250	71 FLYING TRAINING WING
	TINKER AFB	MIDWEST CITY	507 1	7189	17473	24662	4766	AIR LOGISTICS CENTER
	WILL ROGERS WORLD APT AGS	OKLAHOMA CITY	205 2	2	270	272	71	137 TAC AIRLIFT WING (ANG)
	TULSA IAP AGS	TULSA	205 2	3	308	311	78	138 TAC FIGHTER GROUP (ANG)
	KINGSLEY FIELD AGS	KLAMATH FALLS	205 2	1	20	21	121	114 FIGHTER TNG SQ (ANG)
	PORTLAND IAP AGS	PORTLAND	205 2	6	752	758	394	142 FTR INTERCEPT GP (ANG)+AFR
	GREATER PITTSBURGH IAP AGS	CORVALLIS	105 2	23	888	911	596	171 AIR REFUELING WG (ANG) + AFR
	WILLOW GROVE ARS	HATSORO	205 2	*	317	317	162	913 TAC AIRLIFT GROUP (AFR)
	HARRISBURG OLMSTED IAP AGS	MIDDLETOWN	205 2	1	310	311	72	193 SPECIAL OPS GROUP (ANG)
	RHODE ISLAND							

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State	Name of Installation	City	IDPPC Code	MIL.	CIL.	Tot. Acres	Major Unit Activity Function
COVENTRY	COVENTRY AFB	COVENTRY	205 2	"	42	42	17 COMMUNICATIONS (ANG)
OUNSET	STATE AIRPORT AGS	W KINGSTON	205 2	3	268	271	60 143 TAC AIRLIFT GROUP (ANG)
NORTH SMITHFIELD	AGS	SLATERSVILLE	205 2	"	45	45	10 AIRCRAFT CONTROL/WARNING (ANG)
SOUTH CAROLINA							
CHARLESTON	AFB	CHARLESTON	204 1	4324	1230	5554	6232 437 MILITARY AIRLIFT WING
MCENTIRE	AGS	EASTOVER	205 1	4	371	375	2481 169 TAC FIGHTER GROUP (ANG)
MYRTLE BEACH	AFS	MYRTLE BEACH	202 1	3261	461	3722	3998 354 TACTICAL FIGHTER WING
SHAW	AFB	SUMTER	202 1	5451	590	6241	11450 363 TACTICAL FIGHTER WING
SOUTH DAKOTA							
ELLSWORTH	AFB	BOX ELDER	101 1	6338	615	7453	25494 44 STRAT MSL WG & 28 BOMB WG
JOE FOSS	FIELD AGS	SIOUX FALLS	205 2	2	283	285	145 114 TAC FIGHTER GROUP (ANG)
TEENESSEE							
MCGHEE TYSON	AIRPORT AGS	ALCOA	105 2	52	354	406	271 134 AIR REFUELING GROUP (ANG)
ARNOLD	AFB	MANCHESTER	306 1	152	216	368	39081 R20 ACTIVITY
NASHVILLE	METROPOLITAN APT AGS	NASHVILLE	205 2	1	385	387	85 118 TAC AIRLIFT WING (ANG)
MEMPHIS	IAP AGS	OAKVILLE	205 2	1	266	267	85 164 TAC AIRLIFT GROUP (ANG)
TEXAS							
DYESS	AFB	ABILENE	101 1	5232	436	5663	6434 96 BOMBARDMENT WING
BERGSTROM	AFB	AUSTIN	202 1	4884	888	5772	3972 67 TACTICAL RECON WING
LAUGHLIN	AFB	DEL RIO	508 1	404	977	2381	5536 47 FLYING TRAINING WING
EL DORADO	AFS	EL DORADO	101 2	90	28	118	118 PAVE PAWS
CARSWELL	AFB	FORT WORTH	101 1	4738	812	5550	3426 7 BOMBARDMENT WING

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State	Name of Installation	City	IDPC Code	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
UTAH	GARLAND AFB	GARLAND	205 2	4	34	38	6 COMMUNICATIONS (ANG)
	ELLINGTON FIELD AFB	HOUSTON	205 2	2	408	410	215 147 FIGHTER INTERCEPT GP (ANG)
	LA PORTE AFB	LA PORTE	205 2	1	16	17	12 ENGINEERING (ANG)
	REESE AFB	LUBBOCK	508 1	2131	592	2723	3953 64 FLYING TRAINING WING
UTAH	GOODFELLOW AFB	SAN ANGELO	508 1	2413	399	2812	1136 TECHNICAL TRAINING
	SRGOKS AFB	SAN ANTONIO	502 1	1344	1298	2842	1310 AEROSPACE MEDICAL DIVISION
	KELLY AFB	SAN ANTONIO	507 1	1934	17395	19331	4706 AIR LOGISTICS CENTER
	LACKLAND AFB	SAN ANTONIO	508 1	6426	2661	9087	6766 USAF BASIC MILITARY SCHOOL
UTAH	RANDOLPH AFB	UNIVERSAL CITY	508 1	5142	2025	7967	3953 12 FLYING TRAINING WING
	SHEPPARD AFB	WICHITA FALLS	508 1	3463	1231	4694	5397 TECHNICAL TRAINING CENTER
	HILL AFB	CLEARFIELD	507 1	4998	13815	12813	374574 AIR LOGISTICS CENTER
	SALT LAKE CITY IAP AFS	SALT LAKE CITY	105 2	5	363	368	102 151 AIR REFUELING GROUP (ANG)
VERMONT	BURLINGTON IAP AFS	SO. BURLINGTON	205 2	2	392	394	241 158 TAC FIGHTER GROUP (ANG)
	LANGLEY AFB	HAMPTON	202 1	9393	1844	11237	3440 1 TACTICAL FIGHTER WG & HQ TAC
	RICHMOND IAP (BYRD FIELD) AFS	SANDSTON	205 2	*	317	317	143 192 TAC FIGHTER GROUP (ANG)
	FAIRCHILD AFB	AIRWAY HEIGHTS	101 1	4338	823	5161	5955 92 BOHBARDMENT WING
WASHINGTON	FOUR LAKES AFB	CHENEY	205 2	*	40	40	156 AIRCRAFT CONTROL/WARNING (ANG)
	SPOKANE IAP AFS	SPOKANE	205 2	3	38	41	79 COMMUNICATIONS (ANG)

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State	Name of Installation	City	IDPPC Code	Cat	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
	MCCHORD AFB	TACOMA	204 1		4127	1320	5567	5786 62 MILITARY AIRLIFT WING
WEST VIRGINIA								
	YEAGER AIRPORT AGS	CHARLESTON	205 2	1		246	247	218 130 TAC AIRLIFT GROUP (ANG)
	SHEPHERD FIELD AGS (ENRVA)	HARTINSBURG	205 2	*		302	302	349 167 TAC AIRLIFT GROUP (ANG)
WISCONSIN								
	TRUXAL FIELD AGS	MADISON	205 2	3		299	302	150 128 TAC FIGHTER WING (ANG)
	GEN BILLY MITCHELL FIELD AGS	MILWAUKEE	105 2	2		339	341	166 128 AIR REFUELING GP (ANG) + AFR
WYOMING								
	CHEYENNE MAP AGS	CHEYENNE	205 2	2		260	262	67 153 TAC AIRLIFT GROUP (ANG)
	FRANCIS E. WARREN AFB	CHEYENNE	101 1		3699	770	4469	33466 90 STRATEGIC MISSILE WING

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Territory Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Total	Major Unit Activity Function
GUAM							
ANDERSEN AFB	AGANA, GUAM	101 1	3458	635	4093	20172	43 BOMBARDMENT WING
PJERTO RICO							
PUERTO RICO IAP AGS	SAN JUAN	205 2	2	278	280	44	156 TAC FIGHTER GROUP (ANG)



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Used by U. S. Forces in Foreign Areas  
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Authorized Personnel  
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Country	Name of Installation	City	IDPPC Code	MIL.	CIL.	Tot. Acreage	Major Unit Activity Function
AUSTRALIA							
	WOOMERA AIR STATION	WOOMERA	101 2	215	*	215	25 ELECTRONICS SITE
BELGIUM							
	FLORENNES AIR BASE	FLORENNES	202 1	*	*	212	425 TAC MISSILE WING
GERMANY, FEDERAL REP OF							
	TEMPELHOF CENTRAL AIRPORT ASN	BERLIN	202 2	1079	761	1840	906 7350 AIR BASE GROUP
	BITBURG AIR BASE	BITBURG	202 1	4473	872	5545	1626 36 TACTICAL FIGHTER WING
	RHEIN MAIN AIR BASE	FRANKFURT	204 1	4736	1052	5788	919 435 TACTICAL AIRLIFT WING
	HESSISCH OLDENDORF ASN	HESSISCH	202 2	1824	78	662	72 609 TACTICAL CONTROL SQ
	WUESCHEIM AIR BASE	MUNDHEIM	202 1	*	*	103	38 TAC MISSILE WING
	RAMSTEIN AIR BASE	LANDSTUHL	202 1	3796	3167	11963	4532 86 TACTICAL FIGHTER WING
	HANN AIR BASE	LAUTZENHAUSEN	202 1	4202	823	5825	1413 50 TACTICAL FIGHTER WING
	PRUEM AIR STATION	PRUEM	202 2	82	32	114	73 66 COMBAT SUPPORT SQ
	SEMBACH AIR BASE	SEMBACH	202 1	3022	651	3673	1086 66 ELECTRONIC COMBAT WING
	SPANGDAHEIM AIR BASE	SPANGDAHEIM	202 1	5116	620	5736	1352 52 TACTICAL FIGHTER WING
	LINDSEY AIR BASE	WIESSADEN	202 1	2101	121	2522	105 7100 COMBAT SUPPORT WING
	ZWEIBRUCKEN AIR BASE	ZWEIBRUCKEN	202 1	3035	444	3479	771 26 TACTICAL RECON. WING
GREENLAND							
	SONDRESTROM AIR BASE	HOLDSTEDT NEBOG	202 2	36	2	38	462376 1015 AIR BASE GROUP
	THULE AIR BASE	THULE	101 1	160	3	163	330884 1012 AIR BASE GROUP
GREECE							
	HELLENIKON AIR BASE	ATHENS	402 1	1422	364	1846	176 7206 AIR BASE GROUP

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Country	Name of Installation	City	IDPPC Code	Mil.	Cil.	Tot. Acreage	Total	Major Unit Activity Function	Authorized Manpower	
									Full-Time	Permanently Assigned
ITALY	IRAKLION AIR BASE	GOJRNES	202 1	796	140	936	247	7276 AIR BASE GROUP		
	SAN VITO AIR BASE	BRINDISI	203 1	1577	283	1860	360	7275 AIR BASE GROUP		
	COMISO AIR BASE	COMISO	202 1	19	38	57	379	487 TAC MISSILE WING		
	AVIANO AIR BASE	PORDENONE	202 1	1824	541	2365	1123	40 TACTICAL GROUP		
JAPAN	KADENA AIR BASE	KOZA CITY	202 1	9299	2817	12116	15227	18 TACTICAL FIGHTER WING		
	MISAWA AIR BASE	MISAWA	202 1	5081	983	6064	3882	432 TAC FIGHTER WING		
	YOKOTA AIR BASE	TOKYO	204 1	5082	1900	6982	2943	475 AIR BASE WING		
KOREA, REPUBLIC OF	KUNSAN AIR BASE	KUNSAN	202 1	2972	400	3372	2615	8 TACTICAL FIGHTER WING		
	KWANG JU AIR BASE	KWANG JU	202 2	410	91	501	329	COMBAT SUPPORT BASE		
	OSAN AIR BASE	SONGTAN	202 1	8828	900	9728	8477	51 TAC FIGHTER WING		
	SUWON AIR BASE	SUWON	202 2	835	68	903	30	25 TAC FIGHTER SQ		
	TAEGU AIR BASE	TAEGU	202 2	1293	148	1441	379	497 TACTICAL FIGHTER SQ		
NETHERLANDS	SOESTERBERG AIR BASE	SOESTERBERG	202 1	1643	144	1787	524	32 TACTICAL FIGHTER SQUADRON		
PANAMA	HOWARD AIR FORCE BASE	BALGOA	202 1	2559	597	3156	14121	USAF SOUTHERN AIR DIV		
PORTUGAL	LAJES FIELD AIR BASE	LAJES	202 1	2251	1086	3337	1132	1605 MIL AIRLIFT SPT WING		
PHILIPPINES										

Country	Name of Installation	City	IDPPC Code	Mil.	Cil.	Total Acreeage	Major Unit Activity Function
SPAIN	CLARK AIR BASE	ANGELES	202 1	8761	2074	10835	3 TACTICAL FIGHTER WING
	TORREJON AIR BASE	MADRID	202 1	4052	948	5000	401 TACTICAL FIGHTER WING
	ZARAGOZA AIR BASE	ZARAGOZA	202 1	966	189	1155	406 TACTICAL FIGHTER TNG WING
TURKEY	INCIRLIK AIR BASE	ADANA	202 1	2602	328	2930	39 TACTICAL GROUP
	ANKARA AIR STATION	ANKARA	402 2	497	155	652	168 SUPPORT STATION
	PIRINCLIK AIR STATION	DIYARBAKIR	103 2	133	4	137	176 ELECTRONICS STATION
	IZMIR AIR STATION	IZMIR	402 2	514	79	593	22 SUPPORT STATION
UNITED KINGDOM	RAF ALCONBURY	ALCONBURY	202 1	3105	466	3571	1193 10 TACTICAL FTR WING
	RAF CROUGHTON	CROUGHTON	203 2	393	54	447	694 2130 COMMUNICATIONS SQ
	RAF BENTWATERS	EYKE	202 1	3914	524	4438	1099 81 TACTICAL FIGHTER WING
	RAF FAIRFORD	FAIRFORD	202 1	1180	196	1376	1785 7020 AIR BASE GROUP
	HIGH WYCOMBE AIR STATION	HIGH WYCOMBE	202 2	227	29	256	103 SUPPORT ACTIVITIES
	RAF LAKENHEATH	LAKENHEATH	202 1	4764	458	5222	2044 48 TACTICAL FIGHTER WING
	RAF MILDENHALL	MILDENHALL	204 1	3130	574	3704	1147 513 AIRBORNE CMD + CNTRL WING
	RAF MOLESWORTH	MOLESWORTH	202 1	21	6	27	46 303 TACTICAL MISSILE WING
	RAF GREENHAM COMMON	NEWBURY	202 1	219	201	420	2957 501 TACTICAL MISSILE WING
	RAF CHICKSANDS	SHEFFORD	202 1	335	160	1495	411 7274 AIR BASE GROUP
	RAF UPPER HEYFORD	UPPER HEYFORD	202 1	4584	572	5156	1195 20 TACTICAL FIGHTER WING
	RAF WETHERSFIELD	WETHERSFIELD	202 2	521	67	588	801 ENGINEERING SUPPORT SQUADRON

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Authorized Manpower  
Full-Time Permanently  
Assigned

Country	Name of installation	City	OPPC Code	Cat	Mil.	Cil.	Tot.	Total Acreage	Major Unit Activity Function
RAF	WOODBRIDGE	WOODBRIDGE	202	1	645	2	647	994	7C/91 TAC FIGHTER SQUADRONS

## **CHAPTER FIVE**

### **MARINE CORPS BASE STRUCTURE**

#### **I. INTRODUCTION**

This Chapter presents the Marine Corps' approach to its basing structure and the relationship of that structure to the Marine Corps' tactical force structure. In addition, base operating costs are identified.

The National Security Act of 1947, as amended, prescribes the organization of the Marine Corps.

Based on that law, the Marine Corps is organized into operating forces assigned to the Fleet Marine Force; reserve forces; security forces for naval installations, ships and embassies; and a supporting establishment of operating bases, air stations, training centers, logistics and support bases, and headquarters elements.

Section VI is a listing of installations defined as major or minor activities. Major activities are defined as those installations which have a Current Property Value (CPV) of at least \$100 million dollars or more. Minor activities are those which have a CPV less than \$100 million. The only exception to this is Camp Fuji, Japan and Mountain Warfare Training Center (MWTC) Bridgeport, California, which are training activities for Camp Butler and Camp Pendleton, respectively.

#### **II. BASE STRUCTURE OVERVIEW**

Marine Corps tactical forces are assigned to installations which provide suitable local and regional training opportunities and position forces for support and responsiveness to contingency requirements.

The major Marine Corps operating forces consist of Fleet Marine Force, Atlantic (FMFLANT) and Fleet Marine Force, Pacific (FMFPAC). These forces are assigned as type commands to U.S. Atlantic and Pacific Fleets, respectively. FMFLANT provides forces for one Marine Expeditionary Force (MEF), and FMFPAC provides forces for two MEFs. These MEFs have multiple taskings of a global nature and during contingencies may or may not remain in their current theater of operations.

Specifically, FMFLANT will maintain one Marine Expeditionary Force (MEF) on the East Coast of the U.S. That MEF will provide up to three Marine Expeditionary Units (MEUs) at all times for afloat deployments in the Atlantic, Caribbean, and Mediterranean. The East Coast MEF will rotate battalions and fixed wing squadrons to the Western Pacific.

FMSPAC will maintain two MEFs in the Pacific region. One MEF will remain forward deployed in the Western Pacific with one Marine Expeditionary Brigade (MEB) from that MEF stationed in Hawaii. One MEF will remain on the West Coast of the U.S. The West Coast MEF and the 1st MEB in Hawaii rotate battalions and squadrons to the Western Pacific. The MEF's in the Western Pacific and on the West Coast will continue to provide for forward afloat deployments.

The Reserve Division/Wing Team is prepared on short notice to augment/reinforce the active structure with additional capabilities for a major war.

The three active MEFs in the FMF and the Reserve Division/Wing Team will be maintained at a maximum state of readiness and deployment posture to assure a capability for rapid and effective response anywhere in the world to support the national strategy. The basic concept that links operating forces with the base structure is the essential requirement to maintain a base and logistics structure capable of:

- supporting peacetime force and operational commitments;
- accommodating rapid expansion to wartime force levels in the event of mobilization; and,
- maintaining a training and logistics support posture that will provide sustained support for forces committed overseas under full mobilization conditions.

#### Rationale for the Location of Major Activities:

1. Ground combat elements located at Camp Lejeune, Camp Pendleton, Camp Butler and Marine Corps Air Station Kaneohe Bay have the following specific requirements:

- a. Adequate training areas for both helicopter and over-the-beach amphibious assault training.
- b. Direct rail and highway access to ports of embarkation (with one-way transit time not exceeding four hours), and across-the-beach out-load capability for all amphibious shipping.
- c. Helicopter shore facilities located to afford direct embarkation of personnel, equipment and supplies aboard amphibious shipping at sea from shore based facilities.
- d. Light fixed-wing aircraft facilities, helicopter landing sites, and fixed-wing Vertical/Short Take-Off and Landing (V/STOL) sites to support air-ground team training and operations.
- e. Adequate facilities for combined arms training to include impact areas for live firing of organic weapons.

f. Remote areas with suitable beaches and undeveloped airfield sites for advance deployment training of air-ground teams.

g. Ready access to established logistics support bases.

h. Sea, air, and beach areas with suitable adjacent maneuver areas inland for the accomplishment of integrated Navy/Marine amphibious training and exercises.

2. Aviation combat elements have the following requirements:

a. Fighter and Attack Squadrons (VMFA/VMA) located at Marine Corps Air Stations Beaufort, Cherry Point, El Toro, Iwakuni, Kaneohe Bay, and Yuma.

(1) A tactical jet air base within 200 miles of a major operational/tactical base.

(2) Capability to conduct aircraft carrier qualifications within 100 miles of a suitable air installation which can be used in emergency situations such as low fuel state or fouled deck diverts.

(3) Field mirror landing practice at the field and other suitable outlying airfields within 100 miles of home base.

(4) High performance air combat maneuvering (ACM) air space free from other activity and within 100 miles of home base.

(5) Sea and air space free from other activity for safe firing of Sidewinder, Sparrow, or other air-to-air missiles currently in the inventory or those which will be introduced or tested in the foreseeable future.

(6) Instrumented weapons range, targets and control facilities free from other activity for safe firing of missile weapons systems and for special weapons delivery training.

(7) Targets and control facilities for delivery of air-to-air and air-to-surface ordnance, and ground, sea, and air space free from other activity and installations for accomplishment of necessary training with conventional ordnance. Targets within 100 nautical miles of home base. If located greater than 100 miles from home base, a support field with appropriate facilities will be required to support aviation unit deployments.

(8) Fixed and moving shore and seaborne targets for accomplishment of necessary all-weather training with conventional ordnance and guided stand-off weapons which are currently available or will be introduced.

(9) Ground Controlled Intercept/Marine Tactical Data System (GCI/MTDS) units located so as to promote air-to-air intercept training.

(10) Suitable air space for conduct of aerial refueling practice.

(11) Adversary aircraft support facilities for ACM training.

b. Marine Utility/Attack Helicopter/Marine Medium Helicopter/Marine Heavy Helicopter/Marine Observation Squadrons (HML/AH/HMM/HMH/VMO) located at Marine Corps Air Stations Tustin, New River, Futenma, Kaneohe Bay and Camp Pendleton.

(1) A helicopter air station located within 40 miles of a Marine Division.

(2) High elevation, confined area, landing sites for training rotary wing pilots.

(3) Protected air space and ordnance target complexes within 50 miles of home base for training pilots and gunners.

(4) Outlying landing sites within 50 miles of home base for the conduct of syllabus training including field carrier landing practice.

(5) Facilities for all-weather training.

(6) Ready access to division training areas for combined arms and assault helicopter joint vertical training.

(7) Ready access to helicopter capable amphibious shipping (LHA/LPH) for the conduct of ship-based training and operations.

3. Requirements of the Combat Service Support Elements located at Camp Lejeune, Camp Pendleton, Camp Butler and Marine Corps Air Station Kaneohe Bay are as follows:

a. Access to road and rail for the shipment and receipt of supplies and equipment to support the MEFs.

b. Storage and maintenance facilities to provide the appropriate level of support to operating forces in garrison and in preparation for deployment.

c. Sea, air, and beach areas with sufficient training area to exercise command and control, landing support operations, heavy engineer operations, tactical motor transport, field medicine, as well as supply and maintenance in a field environment.



4. Marine Corps operating bases for forward deployed units in Japan and Hawaii generally meet the requirements as stated previously.

5. The Marine Corps base at Twentynine Palms, originally established as an artillery training base and aviation gunnery range, is now the Marine Corps Air Ground Combat Center (MCAGCC). Twentynine Palms' size and location essentially permit unrestricted firing of both artillery and air delivered ordnance. The Headquarters of the 7th Marine Expeditionary Brigade (MEB) and selected subordinate units are located at Twentynine Palms. Additionally, this base provides ample space for the maneuver of mobile-mechanized task forces. Ten Combined Arms Exercises (CAX) are scheduled each year and are conducted by battalion or larger size units. The Marine Corps Communications-Electronics School is also located at Twentynine Palms to take advantage of the absence of electromagnetic interference and conflicting electromagnetic transmissions.

6. The Marine Corps has two logistics support activities, one at Albany, Georgia, and the other at Barstow, California. The Marine Corps logistics bases are geographically located to provide the required direct support to individual FMF's at near minimum operating and transportation costs. Both are located in areas of relatively stable labor markets where there is little competition from other government agencies or the civilian sector for the required labor skills.

7. The Marine Corps maintains two recruit depots, one at Parris Island, South Carolina and the other at San Diego, California. Generally, recruits from the western half of the nation are trained at San Diego and those from the East are trained at Parris Island. Female recruits are trained only at Parris Island. The geographical locations of the present depots reduce the travel costs of arriving recruits and of graduating Marines.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The Marine Corps base structure is reflective of the mission to support its current and projected force structure levels. It is continually under review for potential mission changes, economy measures, and other relevant developments.

#### STRATEGIC FORCES (100)

Not applicable.

#### GENERAL PURPOSE FORCES (200)

The two Fleet Marine Force (FMF) Headquarters - FMFLANT, at Camp Elmore, Norfolk, Virginia, and FMPAC at Camp Smith, Honolulu, Hawaii - are collocated with Headquarters, Commander in-Chief, Atlantic and Pacific, respectively, for command, control, and communications efficiency.

The Marine Corps has three active Marine Expeditionary Forces (MEFs). Two MEFs and a portion of the third MEF are based in the United States.

I MEF is based on the West Coast with its command element; and its major ground combat element, the 1st Marine Division (MARDIV), located at Camp Pendleton, California. The 3d Marine Aircraft Wing (MAW), the aviation combat element of I MEF, has its fixed wing aviation elements located at Marine Corps Air Station (MCAS) El Toro, California, and MCAS Yuma, Arizona. The helicopter elements of the 3d MAW are located at MCAS Tustin and at Camp Pendleton, California. The 1st Force Service Support Group (FSSG), I MEF's combat service support element, is located at Camp Pendleton, with detachments located at El Toro and MCAGCC, Twentynine Palms, California. The Headquarters of the 7th Marine Expeditionary Brigade (MEB), located at Twentynine Palms, California, is designated to marry up with equipment and supplies embarked aboard the Maritime Prepositioning Ships-2. The units that comprise the 7th MEB are located at Twentynine Palms, Pendleton, Tustin, and El Toro, California. Also located at MCAGCC, Twentynine Palms, are a reinforced infantry battalion, an artillery battalion, a tank and a LAV battalion. An expeditionary airfield has been established to support training at the MCAGCC. Additionally, I MEF is the follow-on force in the event of a NATO/Warsaw Pact war or conflict in the Western Pacific area.

II MEF is based on the East Coast. The 2d MARDIV, the ground combat element of II MEF, is located at Camp Lejeune, North Carolina. Its combat service support element, the 2d FSSG is located at Camp Lejeune with detachments located at MCAS Cherry Point, North Carolina, and MCAS Beaufort, South Carolina. The 2d MAW, the MEF's aviation combat element, has its fixed wing aviation units located at MCAS Cherry Point and at MCAS Beaufort. The helicopter units are located at MCAS New River, North Carolina, adjacent to Camp Lejeune. The East Coast based MEF is the Marine Corps' primary force in the event of a NATO/Warsaw Pact war. The headquarters of the 6th Marine Expeditionary Brigade (MEB), located at Camp Lejeune, North Carolina, is designed to marry up with equipment and supplies embarked aboard Maritime Prepositioning Ships-1 (MPS-1). The units that comprise the 6th MEB are located in North Carolina at Camp Lejeune, MCAS Cherry Point, and MCAS New River; and in South Carolina at MCAS Beaufort.

III MEF, consisting of ground, aviation, and logistics components, is headquartered at Camp S. D. Butler, Okinawa, Japan. Camp Butler is the collective for all Marine Corps owned camps and facilities which comprise the Marine Corps base structure on Okinawa. The ground combat element of the 3d MARDIV (reinforced) is located at Camp Butler. The combat service support element, 3d FSSG, is located at Camp Butler with a detachment located at MCAS Iwakuni, Japan. The aviation combat element is located at MCAS Futenma, Japan. The tactical fixed

wing aviation component is based at MCAS Iwakuni, Japan. Presently, every infantry battalion and tactical aviation squadron and detachment in III MEF is deployed to the Western Pacific from either I MEF, II MEF or the 1st MEB under the Unit Deployment Program. The forward based III MEF is immediately available for contingency operations in the Western Pacific. The 1st Marine Expeditionary Brigade (MEB) may provide additional ground and aviation forces for III MEF.

The 1st MEB is stationed at MCAS Kaneohe Bay, Hawaii, and is designated to marry up with equipment on board Maritime Prepositioning Ships-3 (MPS-3). The ground combat element of the Brigade consists of the 3d Marine Regiment, Brigade Service Support Group, and associated support units. The aviation component of tactical fixed wing aviation and helicopters is also located at MCAS Kaneohe Bay. Dependents of the deployed personnel are homebased at MCAS Kaneohe Bay and require facilities for their support. The 1st Marine Expeditionary Brigade is immediately available for contingency operations throughout the Western Pacific.

#### AUXILIARY FORCES (300)

Not applicable.

#### MISSION SUPPORT FORCES (400)

The Marine Corps Air Ground Combat Center (MCAGCC) was formerly known as Marine Corps Base, Twentynine Palms, California, and is commonly referred to as the "Combat Center". The mission of the Combat Center is to administer and conduct a combined arms program in order to exercise and evaluate participating units in the command, control, and coordination of supporting arms. This mission includes providing the training and guidance for Exercise Forces/Marine Air-Ground Task Forces (MAGTFs) in fire support planning and coordination. To achieve the necessary degree of realism in combat training, live ordnance, innovative training aids, and tactics and techniques of the real world opposition forces are used. Inherent in this mission is the requirement to examine existing doctrine critically and to provide training opportunities to identify innovative and more efficient means of accomplishing the Fleet Marine Force (FMF) mission.

Henderson Hall is located adjacent to Headquarters Marine Corps in Arlington, Virginia. Henderson Hall provides services and support to Headquarters Marine Corps, including but not limited to, enlisted members' billeting and messing, enlisted and staff non-commissioned officer clubs, post exchange services, and recreational facilities. Henderson Hall's collocation with Headquarters Marine Corps increases the efficiency of the support services it provides.

The Marine Corps Mountain Warfare Training Center (MCMWTC) is located at Pickel Meadow in the Toiyabe National Forest, Mono County, California. The Center provides mission-oriented individual and unit training supportive of the Marine Corps contingency missions on the northern flank of NATO, Southwest Asia, and Northeast Asia. The climate and terrain of MCMWTC is unique, offering high altitude, rugged mountain terrain and severe winter conditions. It is the only such location the Marine Corps has ready access to in the continental United States. Mountain and cold weather skills can only be obtained by training in the environment. In addition to mountain and cold weather skills, the training emphasizes small unit leadership, teamwork, confidence, and physical toughening which are applicable to any operational commitment.

Camp Fuji, Japan, provides critical organic weapons training ranges which are becoming increasingly unavailable on Okinawa. The training area includes hand grenade, demolitions, LAAW, mortar, tank, and artillery ranges. It affords the capability for long range observed fire, tank maneuver, and full employment of the Marine tank/infantry team. It also provides a site for cold weather training. It is considered an essential training area to support the Fleet Marine Force, Pacific.

Marine Corps Auxiliary Landing Field (MCALF) Bogue is located in North Carolina between Camp Lejeune and MCAS Cherry Point. The installation has been altered to accommodate the Expeditionary Airfield (EAF) program which is the present primary mission of the airfield. The installation is divided into two geographical areas, a garrison area and an expeditionary area. The garrison area provides support and services for those personnel in EAF training and for EAF equipment evaluation. The expeditionary area includes the airfield pavements and is operated only within the capability of the installed EAF equipment to retain as realistic a combat environment as possible. MCALF Bogue is the only installation on the East Coast that provides training for flight and ground crews and for Marine Corps engineer and Naval Construction Battalion personnel in installation, maintenance, use, and operation of EAF equipment.

#### CENTRAL SUPPORT FORCES (500)

The Marine Corps has logistics support bases in Albany, Georgia, and Barstow, California.

The Marine Corps maintains recruit depots at Parris Island, South Carolina, and San Diego, California.

The Marine Corps Combat Development Command (MCCDC) is located at Quantico, Virginia. MCCDC provides professional education for Marine Corps officers at the intermediate and career level. MCCDC also conducts officer acquisition training for all Marine Corps officer candidates and infantry initial skill training for newly commissioned officers. Additionally,

MCCDC provides communications initial skill and skill progression training for Marine Corps officers, and computer sciences initial skill training for Marine Corps officer and enlisted personnel. In addition, MCCDC develops the doctrine, tactics, techniques, and equipment employed by landing forces in amphibious operations and exercises academic supervision over all Marine Corps formal schools. The Marine Security Guard Battalion is also located at MCCDC and is charged with the training of Marine Corps security personnel for duty with the Department of State.

Marine Corps Air Facility (MCAF), Quantico, Virginia, provides maintenance and support facilities for the HMX-1 helicopter squadron. HMX-1 provides helicopter support for the President of the United States, the Vice President, members of the Cabinet, and foreign dignitaries. MCAF Quantico is situated within easy support distance of the Capitol.

#### INDIVIDUALS (600)

Not applicable.

#### **IV. BASE OPERATIONS SUPPORT (BOS) COSTS FOR FY 1991**

A summary of the estimated FY 1991 Base Operations Support costs follows.

#### **V. ACTIONS TO REDUCE BASE OPERATIONS SUPPORT (BOS) COSTS**

The Marine Corps continues to pursue all means available to reduce base operations costs including:

1. Increased emphasis on operational and infrastructure support in maintenance of real property (MRP) funding projects are being funded with declining resources.

2. Implementation of audit findings in order to obtain recommended savings.

3. The Marine Corps is complying with the energy conservation program in DOD and has instituted the Marine Corps Energy Investment Program. Both of these efforts result in cost avoidance and reduced requirements in base operating costs.

4. The construction of projects under the MCON Energy Conservation Program (ECIP).

5. Continuation of the Efficiency Review Program.

6. Continuation of the Commercial Activities Program.

MARINE CORPS

BASE OPERATING SUPPORT COSTS  
(\$ Million)

<u>Major Defense Program</u>	<u>Fifty States</u>	<u>US Territories &amp; Possessions</u>	<u>Foreign/Overseas</u>	<u>Total</u>
Strategic Forces	-	-	-	-
General Purpose Forces	364.0	-	114.3	478.3
Intell/Communication	-	-	-	-
Lift/Sealift	-	-	-	-
Guard & Reserve Forces	21.8	-	-	21.8
Research & Development	-	-	-	-
Central Supply & Maintenance	58.0	-	-	58.0
Training, Medical, & Other General Purpose Activities	119.8	-	-	119.8
Administration & Assoc. Activities	5.7	-	-	-
Support to Other Nations	-	-	-	-
<b>SUBTOTAL</b>	569.2	-	114.3	683.5
Construction	145.0	-	4.3	149.3
Family Housing O & M	<u>114.7</u>	<u>-</u>	<u>3.0</u>	<u>117.7</u>
<b>TOTAL</b>	828.9	-	121.6	950.5

## SUMMARY OF NUMBER OF MARINE CORPS INSTALLATIONS

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
GENERAL PURPOSE (202)	12	0	3	15
GENERAL PURPOSE (402)	5	0	1	6
CENTRAL SUPPLY AND MAINTENANCE (507)	2	0	0	2
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	3	0	0	3
TOTAL MARINE CORPS	22	0	4	26

Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	ICPPC Code	Cat	Rel.	Ctl.	Tot.	Total Acreage	Major Unit Activity Function
ARIZONA									
MCAS, YUMA		YUM	202 1		5031	362	5393	2930	JET TNG & TAC AVIATION (3DAV)
CALIFORNIA									
MC LOGISTICS BASE		BA	507 1		622	2155	2777	5638	DEPOT MAINT/SUPPLY & STORAGE
MC MOUNTAIN WARFARE TNG CTR		BR	402 3		*	*	*	60513	COLD WEATHER/MOUNTAIN TNG
MCAS, EL TORO		IRV.			6447	856	7303	5220	HQ 3RD MAW/JET TNG/OPER SPT
MC BASE, CAMP PENDLETON		OCEANSIDE			46219	1547	47766	186139	FMF GRND UNITS/TRP TNG/OPER SPT
MCAS CAMP PENDLETON		OCEANSIDE	202 1		*	*	*	343	HELO TNG/OPERATIONS
MC AIR GD CBT CTR 29 PALMS		PALM SPRINGS	402 1		12420	561	12981	593589	COMBINED ARMS TNG, MCCES
MC RECRUIT DEPOT, SAN DIEGO		SAN DIEGO	508 1		7428	258	7686	503	RECRUIT TRAINING
MCAS, TUSTIN		TUSTIN	202 1		4721	39	4760	1709	MAG-16/HELO TRAINING/OPERATION
DIST OF COLUMBIA									
MARINE BARRACKS 8TH & 1 ST		WASHINGTON	402 2		1068	44	1112	5	CEREMONIES/SECURITY
GEORGIA									
MC LOGISTICS BASE		ALBANY	507 2		1060	2731	3791	3327	DEPOT MAINT/SUPPLY & STORAGE/ICP
HAWAII									
CAMP H. M. SMITH		HONOLULU	202 1		1897	24	1921	420	HQ FMF PAC/HQ CINCPAC/HQ IPAC
MCAS, KANEOHE BAY		KAILUA	202 1		9782	398	10180	39392	1ST MAB/JET & HELO TNG OPNS
NORTH CAROLINA									
MCAS, CHERRY POINT		HAVELOCK	202 1		9839	1561	11400	26683	HQ 2ND MAW/JET TNG & OPNS/MARF
MC BASE, CAMP LEJEUNE		JACKSONVILLE	202 1		37621	2081	39705	88432	FMF GRND UNITS/TRP TNG/OPN SPT
MCAS, NEW RIVER		JACKSONVILLE	202 1		*	*	*	2773	MAG 26/HELO TNG/OPER SUPPORT



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MARINE CORPS BASE STRUCTURE  
United States  
FY 1991

PAGE 2

Authorized Manpower  
Full-Time Permanently  
Assigned

State	Name of Installation	City	IDPPC Cxide	Mil.	Cil.	Tot. Acreage	Major Unit Activity Function
NCALF, BOGUE		SWANBORO	402 3	*	*	837	2ND MAW/EXPEDITION AIRFLD TNG
SOUTH CAROLINA							
MCAS, BEAUFORT		BEAUFORT	202 1	3208	473	6676	MAG-31/JET TNG/OPN SUPPORT
MC RECRUIT DEPOT		PARRIS ISLAND	508 1	7443	281	8081	RECRUIT TRAINING
VIRGINIA							
CAMP ELMORE		NORFOLK	202 2	951	5	22	HQ FMF LANT
MC CBT DEV CMD		QUANTICO	508 2	8870	1381	60647	OFF PROF TNG/SKILL TNG/MC INST
HQMC, HENDERSON HALL		WASHINGTON DC	402 2	1784	44	21	HQ USMC

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Used by U. S. Forces in Foreign Areas  
FY 1991

Country	Name of Installation	City	IDPPC Code	Cat	Mil.	Cit.	Tct.	Total Acreage	Major Unit Activity Function	Authorized Manpower	
										Full-Time Permanently Assigned	Assigned
JAPAN											
	MARINE CORPS AIR STA, FUTENMA	FUTENMA	202 1	3763	51	3814	1188	HELO TRNG/OPERATIONAL SUPPORT			
	MARINE CORPS BASE, CAMP BUTLER	FUTENMA, OKINAWA	202 1	23821	2292	26113	45120	TRAINING/OPERATIONAL SUPPORT			
	CAMP FUJI	GOTEMBA	402 3	52	60	112	34110	TRAINING SUPPORT			
	MARINE CORPS AIR STA, IWAKUNI	IWAKUNI	202 1	3300	847	4147	6590	JET TRAINER/OPERATIONAL SPT			

U.S. ARMY



DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
Used by U.S. Forces in USAREUR  
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Country	Name of Installation	City	Authorized Manpower Full-time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
BE	BELGIUM CHATEAU GENDEBIEN	MONS	0	0	0	20	HOUSING
	BELGIUM CHIEVRES AIRBASE	CHIEVRES	242	773	1015	1032	AIRFIELD
	BELGIUM DAUMIERIE CASERNE	CHIEVRES	190	52	242	26	HEADQUARTERS AND ADMIN
	BELGIUM EVERBERG AFN FAC	EVERBERG	0	0	0	4	COMMUNICATIONS
	BELGIUM GROBBENDONK SITE	ANTWERP	16	115	131	0	ARSENAL
	BELGIUM OLEN STORAGE FACILITY	HERENTALS	9	0	9	12	ARSENAL
	BELGIUM SHAPE HEADQUARTERS	MONS	1404	333	1737	71	HEADQUARTERS AND ADMIN
	BELGIUM STERREBEEK DEPENDENT SCHOOL	STERREBEEK	0	0	0	24	SCHOOLS AND CENTERS
	BELGIUM ZUTENDAAL SITE	LIEGE	20	160	160	0	ARSENAL
BZ	BERLIN BRIGADE AAFES WISE AND 4 SEASON STORE	BERLIN	0	0	0	5	OTHER
	BERLIN BRIGADE AFN STATION AND APO	BERLIN	0	0	0	2	COMMUNICATIONS
	BERLIN BRIGADE ALLIED CONTROL AUTHORITY	BERLIN	0	0	0	3	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE ALLIED KOMMANDATURA	BERLIN	0	0	0	1	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE AM DREIPFUHL FAM HSG	BERLIN	0	0	0	16	HOUSING
	BERLIN BRIGADE ANDREWS BARRACKS	BERLIN	0	0	0	109	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE BERLIN AAFES GARAGES	BERLIN	0	0	0	1	OTHER
	BERLIN BRIGADE BERLIN AMERICAN HIGH SCHOOL	BERLIN	0	0	0	12	SCHOOLS AND CENTERS
	BERLIN BRIGADE BERLIN BDE FAM HSG	BERLIN	0	0	0	83	HOUSING
	BERLIN BRIGADE BERLIN BDE SPORTS CTR	BERLIN	0	0	0	0	RECREATION
	BERLIN BRIGADE BERLIN DOQ	BERLIN	225	0	225	13	HOUSING
	BERLIN BRIGADE BERLIN DEH COMPOUND	BERLIN	0	0	0	0	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE BERLIN DOCUMENTS CENTER	BERLIN	0	0	0	3	HEADQUARTERS AND ADMIN

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	BERLIN BRIGADE BERLIN ENGR COAL YARD	BERLIN	0	0	0	4	OTHER
	BERLIN BRIGADE BERLIN GOLF AND COUNTRY CLUB	BERLIN	0	0	0	97	RECREATION
	BERLIN BRIGADE BERLIN HOSPITAL	BERLIN	0	0	0	12	HOSPITAL
	BERLIN BRIGADE BERLIN REFUGEE CENTER	BERLIN	0	0	0	0	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE BERLIN RTO	BERLIN	0	0	0	0	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE BERLIN S&S DIV PERI SUBS WHSE	BERLIN	0	0	0	4	OTHER
	BERLIN BRIGADE BERLIN SIGNAL STATION	BERLIN	0	0	0	0	COMMUNICATIONS
	BERLIN BRIGADE BERLIN SUP & SVC DIV COMPOUND	BERLIN	0	0	0	8	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE CHECKPOINT BRAVO	BERLIN	0	0	0	0	SECURITY STATION
	BERLIN BRIGADE CHECKPOINT CHARLIE	BERLIN	0	0	0	0	SECURITY STATION
	BERLIN BRIGADE DACHSBERG AMMO AREA	BERLIN	0	0	0	1	ARSENAL
	BERLIN BRIGADE DAHLEM HOUSE	BERLIN	0	0	0	1	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE DUEPPEL SAN ISS	BERLIN	0	0	0	53	HOUSING
	BERLIN BRIGADE GEN ERICSON CLAY HEADQUARTERS	BERLIN	3625	3651	7276	19	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE HARNACK HOUSE	BERLIN	0	0	0	4	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE INFANTRY MOTOR POOL	BERLIN	0	0	0	21	OTHER
	BERLIN BRIGADE JAGEN 87 SIG FAC	BERLIN	0	0	0	52	COMMUNICATIONS
	BERLIN BRIGADE JAGEN 92 AMMO AREA	BERLIN	0	0	0	817	ARSENAL
	BERLIN BRIGADE JAGEN TRAINING AREA	BERLIN	0	0	0	0	DIVISION TRAINING
	BERLIN BRIGADE JARUC	BERLIN	0	0	0	0	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE KEERANS RANGE	BERLIN	0	0	0	56	DIVISION TRAINING
	BERLIN BRIGADE MCNAIR BARRACKS	BERLIN	0	0	0	70	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE NCO CLUB CHECKPOINT	BERLIN	0	0	0	2	RECREATION

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	BERLIN BRIGADE OUTPOST THEATER	BERLIN	0	0	0	4	RECREATION
	BERLIN BRIGADE PACELLIALLEE TRANSMITTER STA	BERLIN	0	0	0	19	COMMUNICATIONS
	BERLIN BRIGADE PARK MANOR ESTATE	BERLIN	0	0	0	0	HOUSING
	BERLIN BRIGADE PARKS RANGE	BERLIN	0	0	0	177	DIVISION TRAINING
	BERLIN BRIGADE PUECKLER FAM HSG	BERLIN	0	0	0	20	HOUSING
	BERLIN BRIGADE RESIDENTIAL TRANSIENT BILLETS	BERLIN	0	0	0	46	HOUSING
	BERLIN BRIGADE ROOSEVELT BARRACKS	BERLIN	0	0	0	15	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE ROSE TNG AREA	BERLIN	0	0	0	256	DIVISION TRAINING
	BERLIN BRIGADE SUNDGAUERSTR FAM HSG	BERLIN	0	0	0	13	HOUSING
	BERLIN BRIGADE T A ROBERTS SCHOOL	BERLIN	0	0	0	8	SCHOOLS AND CENTERS
	BERLIN BRIGADE TEGEL AIRPORT	BERLIN	0	0	0	0	AIRFIELD
	BERLIN BRIGADE TEUFELSBERG COMM FAC	BERLIN	0	0	0	15	COMMUNICATIONS
	BERLIN BRIGADE TRUMAN PLAZA	BERLIN	0	0	0	14	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE TURNER BARRACKS	BERLIN	0	0	0	7	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE US MILITARY LIAISON MISSION	BERLIN	58	6	64	2	HEADQUARTERS AND ADMIN
	BERLIN BRIGADE WANNSEE RECREATION CENTER	BERLIN	0	0	0	8	RECREATION
FR	200TH TAMMC ANGRIE PUMP STATION	SEGRE	0	0	0	0	OTHER
	200TH TAMMC AUGERS PUMP STATION	LA FERTE-GAUCH	0	0	0	0	OTHER
	200TH TAMMC AVON OPERATION & MNT COMPLEX	DONGES-METZ	0	0	0	0	OTHER
	200TH TAMMC CHALONS "A" FARM + HPPS	CHALONS-SUR-MAR	0	0	0	138	OTHER
	200TH TAMMC CHALONS "B" FARM	CHALONS-SUR-MAR	0	0	0	94	OTHER
	200TH TAMMC CHALONS "C" FARM	CHALONS-SUR-MAR	0	0	0	47	OTHER

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acceange	Major Unit Activity Function
			Mil.	Civ.			
GE	200TH TAMMC CHALONS "D" FARM	CHALONS-SUR-MAR	0	0	0	122	OTHER
	200TH TAMMC DONGES "A" FARM + JETTY		0	0	0	154	OTHER
	200TH TAMMC DONGES "B" FARM + HPPS		0	0	0	0	OTHER
	200TH TAMMC DONGES "C" FARM		0	0	0	0	OTHER
	200TH TAMMC DONGES "D" FARM		0	0	0	0	OTHER
	200TH TAMMC DONGES TERMINAL DISTRICT	ST NAZAIRE	0	0	0	144	OTHER
	200TH TAMMC DONGES-METZ II P PIPELINE	DONGES-METZ	0	0	0	0	OTHER
	200TH TAMMC LA FERTE-ALAIS "A" FARM		0	0	0	81	OTHER
	200TH TAMMC LA FERTE-ALAIS "B" FARM + HPPS		0	0	0	160	OTHER
	200TH TAMMC LA FERTE-ALAIS "C" FARM		0	0	0	136	OTHER
	200TH TAMMC LA FERTE-ALAIS "D" FARM		0	0	0	145	OTHER
	200TH TAMMC LAINHOUT PUMP STATION	ST DIZIER	0	0	0	0	OTHER
	200TH TAMMC POURON PUMP STATION	CHATEAUDUN	0	0	0	0	OTHER
	200TH TAMMC MEUN TERMINAL DISTRICT	ETAMPES	0	0	0	0	OTHER
	200TH TAMMC METZ TERMINAL DISTRICT	PONT-A-MOUSSON	0	0	0	0	OTHER
	200TH TAMMC ST GERVAIS PUMP STATION	LE MANS	0	0	0	0	OTHER
	200TH TAMMC ST. GAUSSANT "A" FARM	PONT-A-MOUSSON	0	0	0	253	OTHER
	200TH TAMMC ST. GAUSSANT "B" FARM		0	0	0	45	OTHER
	BELGIUM FONTAINEBLEAU CITY	FONTAINEBLEAU	0	0	0	0	HEADQUARTERS AND ADMIN
	ANSBACH BARTON BKS	ANSBACH	899	25	924	35	HEADQUARTERS AND ADMIN
	ANSBACH BLEIDORN FAM HSG	ANSBACH	0	0	0	30	HOUSING
	ANSBACH BLEIDORN KASERNE	ANSBACH	757	1	758	16	HEADQUARTERS AND ADMIN



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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
ANSBACH	BUETTELBERG RADIO RELAY FAC	BUETTELBERG	10	0	10	7	COMMUNICATIONS
ANSBACH	COLMBERG RADIO RELAY FAC	COLMBERG	0	0	0	2	COMMUNICATIONS
ANSBACH	CRAILSHEIM FAM HSG	CRAILSHEIM	0	0	0	29	HOUSING
ANSBACH	CRAILSHEIM TNG AREA	CRAILSHEIM	0	0	0	1297	DIVISION TRAINING
ANSBACH	ENDSEE TNG AREA	ENDSEE	0	0	0	245	DIVISION TRAINING
ANSBACH	FEUCHTLACH TRAINING AREA	ANSBACH	0	0	0	305	DIVISION TRAINING
ANSBACH	GERHARDSHOFEN FWD STORAGE SITE	GUCHBACH	0	0	0	0	ARSENAL
ANSBACH	HESSELBERG RADIO RELAY FAC	EHINGEN	0	0	0	5	COMMUNICATIONS
ANSBACH	HINDENBURG KASERNE	ANSBACH	400	1086	1486	46	HEADQUARTERS AND ADMIN
ANSBACH	KATTERBACH KASERNE	ANSBACH	2215	144	2359	403	HEADQUARTERS AND ADMIN
ANSBACH	LANGLAU AMMO DUMP	LANGLAU	0	24	34	128	ARSENAL
ANSBACH	MCKEE BARRACKS	CRAILSHEIM	429	407	1336	190	HEADQUARTERS AND ADMIN
ANSBACH	OBERDACHSTETTEN FAMILY HOUSING	OBERDACHSTETTE	0	0	0	10	HOUSING
ANSBACH	OBERDACHSTETTEN TNG AREA	OBERDACHSTETTE	0	0	0	800	DIVISION TRAINING
ANSBACH	SCHIERHOLZ RANGE	SONTHEIM	0	0	0	48	DIVISION TRAINING
ANSBACH	STORCK BARRACKS	ILLESHEIM	2161	125	2286	447	HEADQUARTERS AND ADMIN
ANSBACH	URLAS TNG AREA	ANSBACH	583	0	583	382	DIVISION TRAINING
ANSBACH	WOERT AMMO AREA	WOERT	0	0	0	125	ARSENAL
ARMED FORCES REC CENTER	ALPINE INN HOTEL	BERCHTESGADEN	0	0	0	8	RECREATION
ARMED FORCES REC CENTER	BERCHTESGADEN COMMUNITY CENTER	BERCHTESGADEN	0	0	0	1	RECREATION
ARMED FORCES REC CENTER	BERCHTESGADENER HOF FAC	BERCHTESGADEN	0	0	0	4	RECREATION
ARMED FORCES REC CENTER	BREITENAU SKIET RANGE	GARMISCH	0	0	0	49	RECREATION
ARMED FORCES REC CENTER	CHIEFSEE RECREATION AREA	BERNAU	0	0	0	42	RECREATION

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Country	Name of Installation	City	Authorized Manpower Full-time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	ARMED FORCES REC CENTER GARMISCH GOLF COURSE	GARMISCH	0	0	0	73	RECREATION
	ARMED FORCES REC CENTER GARMISCH SPORT CENTER	GARMISCH	0	0	0	3	RECREATION
	ARMED FORCES REC CENTER GENERAL ABRAMS HOTEL & DISP	GARMISCH	19	0	19	11	RECREATION
	ARMED FORCES REC CENTER GENERAL PATTON HOTEL	GARMISCH	0	0	0	1	RECREATION
	ARMED FORCES REC CENTER GENERAL VON STEUBEN HOTEL	GARMISCH	0	0	0	1	RECREATION
	ARMED FORCES REC CENTER GENERAL WALKER HOTEL	BERCHTESGADEN	0	0	0	316	RECREATION
	ARMED FORCES REC CENTER HAUSBERG SKI AREA	GARMISCH	0	0	0	36	RECREATION
	ARMED FORCES REC CENTER LINDERHOF TRNG AREA	OBERAMMERGAU	0	0	0	112	DIVISION TRAINING
	ARMED FORCES REC CENTER SHERIDAN BARRACKS	GARMISCH	88	254	342	26	HEADQUARTERS AND ADMIN
	ASCHAFFENBURG ASCHAFFENBURG AIRFIELD	ASCHAFFENBURG	0	0	0	33	AIRFIELD
	ASCHAFFENBURG ASCHAFFENBURG FAM HSG	ASCHAFFENBURG	0	0	0	78	HOUSING
	ASCHAFFENBURG ASCHAFFENBURG SP SVC DEPOT	ASCHAFFENBURG	1	68	69	22	HEADQUARTERS AND ADMIN
	ASCHAFFENBURG ASCHAFFENBURG TRNG AREAS (8)	ASCHAFFENBURG	0	0	0	3225	DIVISION TRAINING
	ASCHAFFENBURG BREITSOLO COMM STA	WEIDERSBRUNN	12	2	14	7	COMMUNICATIONS
	ASCHAFFENBURG FIORI BARRACKS	ASCHAFFENBURG	1495	50	1525	57	HEADQUARTERS AND ADMIN
	ASCHAFFENBURG GRAVES BARRACKS	ASCHAFFENBURG	1047	12	1059	47	HEADQUARTERS AND ADMIN
	ASCHAFFENBURG JAEGER BARRACKS	ASCHAFFENBURG	226	499	725	16	HEADQUARTERS AND ADMIN
	ASCHAFFENBURG MOENCHBERG COMM FAC	MOENCHBERG	-	0	0	4	COMMUNICATIONS
	ASCHAFFENBURG READY BARRACKS	ASCHAFFENBURG	999	2	900	28	HEADQUARTERS AND ADMIN
	ASCHAFFENBURG SMITH BARRACKS	ASCHAFFENBURG	738	6	744	15	HEADQUARTERS AND ADMIN
	ASCHAFFENBURG VIELBRUNN AMMO AREA	ASCHAFFENBURG	0	0	0	184	ARSENAL
	AUGSBURG AUGSBURG AMMO VEHICLE PARK	AUGSBURG	0	0	0	18	OTHER
	AUGSBURG AUGSBURG CM SUPPLY CENTER	AUGSBURG	0	0	0	57	OTHER

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Average	Major Unit Activity Function
			Mil.	Cil.			
	AUGSBURG BIDURG TNG AREA	AYSTETTEN	0	0	0	7048	DIVISION TRAINING
	AUGSBURG BONSTETTEN RADIO RELAY FAC	BONSTETTEN	0	0	0	1	COMMUNICATIONS
	AUGSBURG CENTERVILLE FAM HSG	AUGSBURG	0	0	0	63	HOUSING
	AUGSBURG CRAHERTON FAMILY HOUSING	AUGSBURG	0	0	0	55	HOUSING
	AUGSBURG DERCHINGER FOREST TNG AREA	DERCHING	0	0	0	709	DIVISION TRAINING
	AUGSBURG DEURINGEN TNG AREA	DEURINGEN	0	0	0	1021	DIVISION TRAINING
	AUGSBURG FLAK KASERNE	AUGSBURG	633	288	921	76	HEADQUARTERS AND ADMIN
	AUGSBURG FRYAR CIRCLE FAMILY HOUSING	AUGSBURG	0	0	0	40	HOUSING
	AUGSBURG GABLINGEN KASERNE	GABLINGEN	0	0	0	357	HEADQUARTERS AND ADMIN
	AUGSBURG HAUNSTETTEN TNG AREA	AUGSBURG	0	0	0	157	DIVISION TRAINING
	AUGSBURG HOHENPEISSENBERG RAD REL FAC	WEILHEIM	0	0	0	1	COMMUNICATIONS
	AUGSBURG HOLZHAUSEN TRAINING AREA	BAITZENHOFFEN	0	0	0	2221	DIVISION TRAINING
	AUGSBURG LECHFELD TNG AREA	LECHFELD	250	0	250	2622	DIVISION TRAINING
	AUGSBURG MARKHEIM RIVER TRAINING AREA	DONAUWOERTH	0	0	0	29	DIVISION TRAINING
	AUGSBURG REESE BARRACKS	AUGSBURG	1113	167	1280	106	HEADQUARTERS AND ADMIN
	AUGSBURG SHERIDAN KASERNE	AUGSBURG	4225	1412	5637	188	HEADQUARTERS AND ADMIN
	AUGSBURG SULLIVAN HEIGHTS FAM HSG	AUGSBURG	0	0	0	19	HOUSING
	BAD KREUZNACH ANDERSON BARRACKS	DEUXELIM	1035	47	1082	124	HEADQUARTERS AND ADMIN
	BAD KREUZNACH BAD KREUZNACH AIRFIELD	BAD KREUZNACH	6	0	6	29	AIRFIELD
	BAD KREUZNACH BAD KREUZNACH COMMUNITY FAC	BAD KREUZNACH	0	0	0	1	RECREATION
	BAD KREUZNACH BAD KREUZNACH FAM HSG	BAD KREUZNACH	0	117	117	79	HOUSING
	BAD KREUZNACH BAD KREUZNACH HOSPITAL	BAD KREUZNACH	435	295	731	20	HOSPITAL
	BAD KREUZNACH CAMP OPPENHEIM TNG AREA	GUNTERSBLUM	0	0	0	161	DIVISION TRAINING

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Country	Name of Installation	City	Mil.	Cil.	Tot.	Total Acreage	Major Unit Activity Function
	BAD KREUZNACH DEXHEIM FAM HSG	DEXHEIM	1	3	4	22	HOUSING
	BAD KREUZNACH DEXHEIM MISSILE FAC	DEXHEIM	471	0	471	41	AIR DEFENSE SITE
	BAD KREUZNACH DICHELBAH MISSILE STA	DICHELBAH	1	0	1	63	AIR DEFENSE SITE
	BAD KREUZNACH FUERFELD CLASS III & V PT	FUERFELD	0	0	0	169	ARSENAL
	BAD KREUZNACH GEORGE C. MARSHALL KASERNE	BAD KREUZNACH	165	867	1032	52	HEADQUARTERS AND ADMIN
	BAD KREUZNACH GRENDERICH MISSILE STATION	COEHEN	0	0	0	29	AIR DEFENSE SITE
	BAD KREUZNACH MINICK KASERNE	BAD KREUZNACH	232	0	240	9	HEADQUARTERS AND ADMIN
	BAD KREUZNACH MOERSFELD STOR PT	MOERSFELD	0	58	58	128	ARSENAL
	BAD KREUZNACH RHEINGRAFENSYEIN TNG&STOR AREA	BAD KREUZNACH	0	0	0	201	DIVISION TRAINING
	BAD KREUZNACH ROSE BARRACKS	BAD KREUZNACH	1459	176	1635	139	HEADQUARTERS AND ADMIN
	BAD KREUZNACH SPABRUECKEN STORAGE FACILITY	SPABRUECKEN	0	0	0	180	ARSENAL
	BAD KREUZNACH WUESCHHEIM TAC OPER FAC	WUESCHHEIM	133	0	133	25	AIR DEFENSE SITE
	BAD TOELZ BAD TOELZ RANGE	BAD TOELZ	0	0	0	257	DIVISION TRAINING
	BAD TOELZ BAKER ARMY AIRFIELD	BAD TOELZ	0	0	0	58	AIRFIELD
	BAD TOELZ BENEDIKTENWAND TNG AREA	BAD TOELZ	0	0	0	1452	DIVISION TRAINING
	BAD TOELZ FLINT KASERNE	BAD TOELZ	880	332	1220	137	HEADQUARTERS AND ADMIN
	BAD TOELZ FRASDORF OPERATIONS AREA	FRASDORF	0	0	0	2	DIVISION TRAINING
	BAD TOELZ GROTZERHOLZ TNG AREA	BAD TOELZ	0	0	0	467	DIVISION TRAINING
	BAD TOELZ HEIGEL TNG AREA	BAD TOELZ	0	0	0	592	DIVISION TRAINING
	BAD TOELZ JACHENAU TNG AREA	BAD TOELZ	0	0	0	470	DIVISION TRAINING
	BAD TOELZ KESSELKOPF TNG AREA	LENGHRIES	0	0	0	492	DIVISION TRAINING
	BAD TOELZ SACHSENKAMERSTR FAM HSG	BAD TOELZ	0	0	0	37	HOUSING
	BAMBERG BAMBERG AIRFIELD	BAMBERG	0	0	0	234	AIRFIELD

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
BAMBERG	BAMBERG STOR & RANGE AREA	BAMBERG	278	10	288	432	ARSENAL
BAMBERG	COBURG-KRONACH FAM HSG ISO	COBURG	0	0	0	6	HOUSING
BAMBERG	DOERNWASSERLOS TAC DEF SITE	BAMBERG	0	0	0	25	AIR DEFENSE SITE
BAMBERG	FLYNN FAM HSG & TNG AREAS	BAMBERG	0	0	0	2613	HOUSING
BAMBERG	HARRIS BARRACKS	COBURG	0	0	0	8	HEADQUARTERS AND ADMIN
BAMBERG	HOF BORDER OPERATION PTS	HOF	0	0	0	5	SECURITY STATION
BAMBERG	KALTENEGGOLSFELD RAD REL FAC	BAMBERG	0	0	0	1	COMMUNICATIONS
BAMBERG	ROTHENSAND FWD STORAGE SITE	BAMBERG	0	0	0	0	ARSENAL
BAMBERG	WALDSACHSEN AMMO AREA	COBURG	0	0	0	10	ARSENAL
BAMBERG	WARNER BARRACKS	BAMBERG	6892	866	7758	227	HEADQUARTERS AND ADMIN
BAMBERG	WARNER BKS FAM HSG	BAMBERG	0	0	0	13	HOUSING
BAUMHOLDER	BALESFELD MISSILE STA	NEUHEILENBACH	129	0	129	51	AIR DEFENSE SITE
BAUMHOLDER	BAUMHOLDER AIRFIELD	BAUMHOLDER	0	0	0	47	AIRFIELD
BAUMHOLDER	BAUMHOLDER FAM HSG	BAUMHOLDER	0	0	0	94	HOUSING
BAUMHOLDER	BAUMHOLDER HOSPITAL	BAUMHOLDER	131	37	168	13	HOSPITAL
BAUMHOLDER	BAUMHOLDER QM AREA	BAUMHOLDER	0	0	0	53	OTHER
BAUMHOLDER	BAUMHOLDER TAC DEF MISSILE FAC	BAUMHOLDER	0	0	0	80	AIR DEFENSE SITE
BAUMHOLDER	BIRKENFELD HOUSING FACILITIES	BIRKENFELD	0	0	0	6	HOUSING
BAUMHOLDER	ERBESKOPF COMM STA	DEUSELBACH	70	0	70	24	COMMUNICATIONS
BAUMHOLDER	HISEL MISSILE STA	HISEL	129	0	129	40	AIR DEFENSE SITE
BAUMHOLDER	HONTHEIM MISSILE STA	HONTHEIM	129	0	129	35	AIR DEFENSE SITE
BAUMHOLDER	HOPPSTAEDTEN AIRFIELD	HOPPSTAEDTEN	0	0	0	105	AIRFIELD
BAUMHOLDER	HOPPSTAEDTEN SEWAGE TREAT PLT	HOPPSTAEDTEN	0	0	0	5	OTHER

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Authorized Manpower  
Full-Time Permanently  
Assigned

Country	Name of Installation	City	Mil.	Cil.	Tot.	Total Acreage	Major Unit Activity Function
	BAUMHOLDER HOPPSTAEDTEN WATERWORKS	HOPPSTAEDTEN	0	0	0	18	OTHER
	BAUMHOLDER IDAR OBERSTEIN FAM HSG	IDAR OBERSTEIN	8	0	8	31	HOUSING
	BAUMHOLDER NAHBOLLENBACH STORAGE AREA	IDAR OBERSTEIN	20	507	527	90	ARSENAL
	BAUMHOLDER NEUBRUECKE HOSPITAL	HOPPSTAEDTEN	1377	57	1434	109	HOSPITAL
	BAUMHOLDER PFEFFELBACH WATERWORKS	PFEFFELBACH	0	0	0	55	OTHER
	BAUMHOLDER REITSCHIED MISSILE STA	REITSCHIED	129	0	129	44	AIR DEFENSE SITE
	BAUMHOLDER SMITH BARRACKS	BAUMHOLDER	6214	1871	8085	1050	HEADQUARTERS AND ADMIN
	BAUMHOLDER STRASSBURG KASERNE	IDAR OBERSTEIN	597	8	605	41	HEADQUARTERS AND ADMIN
	BAUMHOLDER TEUFELSKOPF RADIO RELAY STA	REICHWEILER	0	0	0	3	COMMUNICATIONS
	BAUMHOLDER WELSCHBILIG MISSILE STA	BUTZWEILER	129	0	129	40	AIR DEFENSE SITE
	BAUMHOLDER WETZEL FAM HSG	BAUMHOLDER	0	0	0	129	HOUSING
	BAUMHOLDER WETZEL KASERNE	BAUMHOLDER	223	20	252	209	HEADQUARTERS AND ADMIN
	BAUMHOLDER WINTERHAUCH STOR AREA	IDAR OBERSTEIN	0	0	0	182	ARSENAL
	BERLIN BRIGADE HELMSTEDT PROPERTIES	HELMSTEDT	36	24	60	2	SECURITY STATION
	DARMSTADT BABENHAUSEN FAMILY HOUSING	BADENHAUSEN	1	42	43	0	HOUSING
	DARMSTADT BABENHAUSEN KASERNE	BADENHAUSEN	1992	3	1995	365	HEADQUARTERS AND ADMIN
	LARMSTADT BENSHEIM MAINT & SUPPLY FAC	BENSHEIM	0	0	0	7	OTHER
	DARMSTADT BENSHEIM-AUERBACH L S CAMP	HEPPENHEIM	0	0	0	0	HOUSING
	DARMSTADT CAMBRAI FRITSCH KASERNE	DARMSTADT	1860	1168	3028	64	HEADQUARTERS AND ADMIN
	DARMSTADT DARMSTADT CAREER CENTER	DARMSTADT	0	0	0	220	HEADQUARTERS AND ADMIN
	DARMSTADT EGELSBACH TRANSMITTER FAC	LANGEN	0	0	0	122	COMMUNICATIONS
	DARMSTADT ERNST LUDWIG KASERNE	DARMSTADT	1035	13	1048	54	HEADQUARTERS AND ADMIN
	DARMSTADT GRIESHEIM AIRFIELD	DARMSTADT	118	107	225	224	AIRFIELD

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Country	Name of Installation	City	Authorized Manpower		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	DARMSTADT						
	GRIESHEIM MISSILE FAC	DARMSTADT	0	0	0	28	AIR DEFENSE SITE
	DARMSTADT						
	JEFFERSON VILLAGE FAM HSG	DARMSTADT	0	0	0	26	HOUSING
	DARMSTADT						
	KELLEY BARRACKS	DARMSTADT	996	0	996	120	HEADQUARTERS AND ADMIN
	DARMSTADT						
	LEENEIM BRIDGE TNG AREA	DARMSTADT	0	0	0	362	DIVISION TRAINING
	DARMSTADT						
	LINCOLN VILLAGE FAM HSG	DARMSTADT	0	71	71	67	HOUSING
	DARMSTADT						
	MELIBOKUS RADIO RELAY STA	HEPPENHEIM	18	0	18	5	COMMUNICATIONS
	DARMSTADT						
	MESSER SMALL ARMS RANGE	DARMSTADT	0	0	0	44	DIVISION TRAINING
	DARMSTADT						
	MUENSTER AMMO DEPOT	MUENSTER	648	0	648	1901	ARSENAL
	DARMSTADT						
	NATHAN HALE OM AREA	DARMSTADT	0	11	11	40	HEADQUARTERS AND ADMIN
	DARMSTADT						
	OBER-RAMSTADT MAINT PLT	OBER RAMSTADT	4	10	14	21	OTHER
	DARMSTADT						
	ST BARBARA VILLAGE FAM HSG	DARMSTADT	0	0	0	13	HOUSING
	DARMSTADT						
	WALLDORF AMMO AREA	WALLDORF	0	0	0	258	ARSENAL
	FRANKFURT						
	AG PUB & TNG AIDS CTR	FRANKFURT	19	330	349	10	HEADQUARTERS AND ADMIN
	FRANKFURT						
	AM FISCHSTEIN FAM HSG	FRANKFURT	0	0	0	4	HOUSING
	FRANKFURT						
	ATTERBERRY FAM HSG	FRANKFURT	0	0	0	31	HOUSING
	FRANKFURT						
	BAD VILBEL FAM HSG	BAD VILBEL	0	0	0	29	HOUSING
	FRANKFURT						
	BAD VILBEL TNG AREA	BAD VILBEL	0	0	0	30	DIVISION TRAINING
	FRANKFURT						
	BETTS HSG	FRANKFURT	65	16	81	21	HOUSING
	FRANKFURT						
	CAMP ESCHBORN	ESCHBORN	832	0	832	185	HEADQUARTERS AND ADMIN
	FRANKFURT						
	CAMP KING	OBERURSEL	451	136	587	39	HEADQUARTERS AND ADMIN
	FRANKFURT						
	DRAKE BARRACKS	FRANKFURT	676	115	791	35	HEADQUARTERS AND ADMIN
	FRANKFURT						
	EDWARDS BARRACKS	FRANKFURT	842	22	864	22	HEADQUARTERS AND ADMIN
	FRANKFURT						
	EDWARDS FAM HSG	FRANKFURT	0	0	0	68	HOUSING

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	FRANKFURT ESCHBORN STORAGE AREA	ESCHBORN	0	0	0	38	ARSENAL
	FRANKFURT FRANKFURT AAFES BAKERY	FRANKFURT	0	0	0	1	OTHER
	FRANKFURT FRANKFURT AFN STA	FRANKFURT	60	61	121	2	COMMUNICATIONS
	FRANKFURT FRANKFURT AUTOBAHN SERVICE FAC	FRANKFURT	0	0	0	11	OTHER
	FRANKFURT FRANKFURT COMMUNITY AREA	FRANKFURT	19	0	19	4	RECREATION
	FRANKFURT FRANKFURT CONSOLIDATED MTR PL	FRANKFURT	0	0	0	6	OTHER
	FRANKFURT FRANKFURT GRUENHOF AREA	FRANKFURT	69	687	756	14	HEADQUARTERS AND ADMIN
	FRANKFURT FRANKFURT HOSPITAL	FRANKFURT	761	576	1337	24	HOSPITAL
	FRANKFURT FRANKFURT HQS AREA	FRANKFURT	85	1171	1256	85	HEADQUARTERS AND ADMIN
	FRANKFURT FRANKFURT MORTUARY	FRANKFURT	26	12	38	1	OTHER
	FRANKFURT FRANKFURT QM LAUNDRY	FRANKFURT	0	0	0	5	OTHER
	FRANKFURT FRANKFURT SHOPPING CENTER	FRANKFURT	5	929	934	19	OTHER
	FRANKFURT GIBBS BARRACKS	FRANKFURT	1486	1567	3053	24	HEADQUARTERS AND ADMIN
	FRANKFURT GIBBS FAMILY HOUSING	FRANKFURT	0	0	0	17	HOUSING
	FRANKFURT GRUENEBURG PARK ADMIN FAC	FRANKFURT	0	0	0	1	HEADQUARTERS AND ADMIN
	FRANKFURT HANSA ALLEE FAM HSG	FRANKFURT	609	1094	1703	11	HOUSING
	FRANKFURT HAUSEN EQUIP MAINT CENTER	FRANKFURT	6	101	107	10	OTHER
	FRANKFURT HEDDERNHEIM STOR FAC	FRANKFURT	0	0	0	3	ARSENAL
	FRANKFURT HOECHST FAM HSG	FRANKFURT	0	0	0	10	HOUSING
	FRANKFURT HUEGELSTR FAM HSG	FRANKFURT	0	0	0	17	HOUSING
	FRANKFURT KENNEDY KASERNE	FRANKFURT	245	29	274	1	HEADQUARTERS AND ADMIN
	FRANKFURT MCNAIR BARRACKS	FRANKFURT	1276	193	1469	6	HEADQUARTERS AND ADMIN
	FRANKFURT MICHAEL BARRACKS	FRANKFURT	422	0	422	27	HEADQUARTERS AND ADMIN



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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	FRANKFURT OFFENBACH BARRACKS	OFFENBACH	4	50	62	1	HEADQUARTERS AND ADMIN
	FRANKFURT OFFENBACH SUPPORT FAC	OFFENBACH	0	0	0	15	OTHER
	FRANKFURT PLATENSTR FAM HSG	FRANKFURT	0	0	0	63	HOUSING
	FRANKFURT ROEDELHEIM ORDNANCE FAC	FRANKFURT	21	554	575	28	ARSENAL
	FRANKFURT ROSE AIRFIELD	FRANKFURT	50	26	76	50	AIRFIELD
	FRANKFURT RUSSIAN MILITARY MISSION	FRANKFURT	17	26	43	3	HEADQUARTERS AND ADMIN
	FRANKFURT SCHWANHEIM CALIBRATION LAB	FRANKFURT	28	3	31	14	OTHER
	FRANKFURT SIEGEL BOQ AREA	FRANKFURT	0	0	0	4	HOUSING
	FRANKFURT VON STEUDEN FAMILY HOUSING	FRANKFURT	0	0	0	18	HOUSING
	FRANKFURT WEISSKIRCHEN AFN TRANS FAC	FRANKFURT	0	0	0	18	COMMUNICATIONS
	FULDA BAD HERSFELD CLASS III DUMP	BAD HERSFELD	0	0	0	3	OTHER
	FULDA BAD HERSFELD ENGINEER AREA	HERSFELD	50	138	188	11	OTHER
	FULDA BAD HERSFELD TNG AREA	BAD HERSFELD	0	0	0	272	DIVISION TRAINING
	FULDA BIMBACH CL V STOR AREA	BIMBACH	0	0	0	21	ARSENAL
	FULDA BOP ALPHA	GRUESSELBACH	0	0	0	15	SECURITY STATION
	FULDA BOP INDIA	LUEDERBACH	0	0	0	24	SECURITY STATION
	FULDA BOP ROMEO	BOSSERODE	0	0	0	5	SECURITY STATION
	FULDA BOP YANKEE	PHILIPPSTHAL	0	0	0	0	SECURITY STATION
	FULDA DOWNS BARRACKS	FULDA	2288	186	2474	147	HEADQUARTERS AND ADMIN
	FULDA DOWNS FAM HSG	FULDA	0	0	0	26	HOUSING
	FULDA FINKENBERG TAC DEF FAC	KLEINLUEDERS	0	0	0	31	AIR DEFENSE SITE
	FULDA FRIEDEWALD TNG AREA	FRIEDEWALD	0	0	0	4145	DIVISION TRAINING
	FULDA FULDA ENGINEER AREA	FULDA	8	319	327	9	HEADQUARTERS AND ADMIN

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Country	Name of Installation	City	Authorized Manpower		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
FULDA	GERLOS AMMUNITION STORAGE SITE	FULDA	0	0	0	21	ARSENAL
FULDA	GIESEL FORWARD STORAGE SITE	GIESEL	0	29	29	27	ARSENAL
FULDA	JOHANNISBERG AIRFIELD	BAD HERSFELD	0	0	0	70	AIRFIELD
FULDA	LEHNERZ RANGE	FULDA	0	0	0	16	DIVISION TRAINING
FULDA	MCPHEETERS BARRACKS	BAD HERSFELD	1155	93	1248	49	HEADQUARTERS AND ADMIN
FULDA	MCPHEETERS VILLAGE FAM HSG	BAD HERSFELD	0	0	0	21	HOUSING
FULDA	OTTRAU FORWARD STORAGE SITE	OTTRAU	0	29	29	27	ARSENAL
FULDA	SEMMELEBERG TAC DEF FAC	GREBENHAGEN	0	0	0	0	AIR DEFENSE SITE
FULDA	S'CKELS AIRFIELD	FULDA	861	28	889	182	AIRFIELD
FULDA	TAUFSTEIN RADIO RELAY FAC	BREUNGESHAIN	35	0	35	3	COMMUNICATIONS
FULDA	ULRICHSTEIN BILLETING AREA	FULDA	0	0	0	7	HOUSING
GIESSEN	ALVIN YORK VIL FAM HSG	BAD NAUHEIM	2	63	63	23	HOUSING
GIESSEN	AYERS KASERNE	KIRCHGOENS	4092	513	4605	927	HEADQUARTERS AND ADMIN
GIESSEN	BAD NAUHEIM MOTOR POOL	BAD NAUHEIM	0	0	0	2	OTHER
GIESSEN	BOCKSBURG COMM STA	HAHNENKLEE	6	0	6	0	COMMUNICATIONS
GIESSEN	BUEREN COMM FAC	BUEREN	111	6	117	0	COMMUNICATIONS
GIESSEN	BUTZBACH TNG AREA & RANGE	BUTZBACH	0	0	0	166	DIVISION TRAINING
GIESSEN	CAMP PAUL BLOOMQUIST	LANGENHAIN	23	0	23	4	SECURITY STATION
GIESSEN	DAUPHE BOY SCOUT CAMP	DAUPHE	0	0	0	182	RECREATION
GIESSEN	ESCHWEGE ADMIN AREA	ESCHWEGE	5	0	5	1	HEADQUARTERS AND ADMIN
GIESSEN	FLENSUNGEN FWD STORAGE SITE	GIESSEN	0	28	28	42	ARSENAL
GIESSEN	FRIEDBERG HELIPORT	FRIEDBERG	0	0	0	21	AIRFIELD
GIESSEN	FRIEDBERG TNG & STOR AREA	FRIEDBERG	0	0	0	9385	DIVISION TRAINING

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	GIESSEN GEORGE C MARSHALL VIL FAM HSG	GIESSEN	0	0	0	42	HOUSING
	GIESSEN GEORGE GERSHWIN FAM HSG	WETZLAR	0	0	0	4	HOUSING
	GIESSEN GIESSEN AMMO AREA	GIESSEN	0	0	0	17	ARSENAL
	GIESSEN GIESSEN CLI POINT	GIESSEN	11	16	27	7	OTHER
	GIESSEN GIESSEN CLII & IV DEPOT	GIESSEN	0	0	0	12	DEPOT
	GIESSEN GIESSEN COMM FAC	GIESSEN	45	0	45	0	COMMUNICATIONS
	GIESSEN GIESSEN COMMUNITY FACILITIES	LAHN-GIESSEN	0	84	84	14	RECREATION
	GIESSEN GIESSEN GENERAL DEPOT	GIESSEN	1422	890	2312	559	DEPOT
	GIESSEN GIESSEN TNG AREAS	GIESSEN	0	0	0	669	DIVISION TRAINING
	GIESSEN HERBORNSEELBACH COMM FAC	HERBORNSEELBACH	202	2	204	0	COMMUNICATIONS
	GIESSEN HOMMERTSHAUSEN GIRL SCOUT CAMP	HOMMERTSHAUSEN	0	0	0	84	RECREATION
	GIESSEN JOHN F DULLES VILLAGE FAM HSG	GIESSEN	0	34	34	22	HOUSING
	GIESSEN KRANSBERG FACILITIES	USINGEN	0	0	0	4	OTHER
	GIESSEN LINDERHOFE COMM STA	LINDERHOFE	94	20	114	15	COMMUNICATIONS
	GIESSEN LIPPER-HOEHE COMM FAC	LIPPE	0	0	0	0	COMMUNICATIONS
	GIESSEN MARBURG GEN STOR FAC	MARBURG	0	0	0	9	ARSENAL
	GIESSEN MCARTHUR PLACE FAM HSG	FRIEDBERG	0	0	0	10	HOUSING
	GIESSEN MT MEISSNER RADIO RELAY STA	ESCHWEGE	0	0	0	11	COMMUNICATIONS
	GIESSEN PENDLETON BARRACKS	GIESSEN	744	461	1205	38	HEADQUARTERS AND ADMIN
	GIESSEN RAY BARRACKS	FRIEDBERG	3587	492	4079	188	HEADQUARTERS AND ADMIN
	GIESSEN RIVERS BARRACKS	GIESSEN	1678	29	1707	45	HEADQUARTERS AND ADMIN
	GIESSEN ROMAN RAY VILLAGE FAM HSG	BUTZBACH	0	70	70	63	HOUSING
	GIESSEN ROTHWESTEN TECH OPS FAC	ROTHWESTEN	0	0	0	10	OTHER

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	GIESSEN SCHLOSS KASERNE	BUTZBACH	973	230	1203	33	HEADQUARTERS AND ADMIN
	GIESSEN SENNELAGER COMM FAC	SCHL-NEUHAUS	78	0	78	0	COMMUNICATIONS
	GIESSEN SOEST BUECKE COMM FAC	SOEST	0	0	0	0	COMMUNICATIONS
	GIESSEN STEIN COMM STA	STEIN	23	0	23	5	COMMUNICATIONS
	GIESSEN TREYSA COMM FAC	TREYSA	45	0	45	0	COMMUNICATIONS
	GIESSEN WERL COMM FAC	WERL	96	0	96	0	COMMUNICATIONS
	GIESSEN WURMBERG COM STA	DRAUNLAGE	100	0	100	6	COMMUNICATIONS
	GOEPPINGEN BISMARCK KASERNE	SCHWAEB GMUEND	969	258	1227	17355	HEADQUARTERS AND ADMIN
	GOEPPINGEN COOKE BARRACKS	GOEPPINGEN	2086	543	2629	319	HEADQUARTERS AND ADMIN
	GOEPPINGEN GOEPPINGEN FAM HSG	GOEPPINGEN	5	0	5	41	HOUSING
	GOEPPINGEN HARDT KASERNE	SCHWAEB GMUEND	940	0	940	29	HEADQUARTERS AND ADMIN
	GOEPPINGEN HOHENSTADT RADREL STA	HOHENSTADT	0	0	0	6	COMMUNICATIONS
	GOEPPINGEN MUTLANGEN TNG AREA	MUTLANGEN	0	0	0	131	DIVISION TRAINING
	GOEPPINGEN SCHWAEBISCH GMUEND FAM HSG	SCHWAEB GMUEND	2	14	16	34	HOUSING
	GOEPPINGEN UNTERBETTRINGEN TNG AREA	UNTERBETTRINGE	0	0	0	947	DIVISION TRAINING
	GRAFENWOEHR CAMP GATES	HAINGRUEN	0	0	0	10	SECURITY STATION
	GRAFENWOEHR CAMP PITMAN	WEIDEN	138	0	138	5	SECURITY STATION
	GRAFENWOEHR CHRISTENSEN BKS	BINDLACH	973	362	1335	508	HEADQUARTERS AND ADMIN
	GRAFENWOEHR EAST CAMP GRAFENWOEHR	GRAFENWOEHR	1199	2657	3056	2699	HEADQUARTERS AND ADMIN
	GRAFENWOEHR EUDEN BIVOUAC AREA	EUDEN	0	0	0	67	DIVISION TRAINING
	GRAFENWOEHR GARTENSTADT FAM HSG	BAYREUTH	0	0	0	2	HOUSING
	GRAFENWOEHR GRAFENWOEHR TNG AREA	GRAFENWOEHR	9	4	13	51685	DIVISION TRAINING
	GRAFENWOEHR KROETTENHOF TNG AREA	BETZENSTEIN	0	0	0	76	DIVISION TRAINING

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Country	Name of Installation	City	Authorized Manpower		Tot.	Total Acreage	Major Unit Activity Function
			Full-Time	Permanently Assigned			
	GRAFENWOEHR LEIENFELS BIVOUAC AREA	LEIENFELS	0	0	0	78	DIVISION TRAINING
	GRAFENWOEHR MERANIERRING FAM HSG	BAYREUTH	0	0	0	2	HOUSING
	GRAFENWOEHR NEMMERSDORF TNG AREA	DRESSENDORF	0	0	0	100	DIVISION TRAINING
	GRAFENWOEHR RAMSENTHAL TNG AREA	RAMSENTHAL	0	0	0	96	DIVISION TRAINING
	GRAFENWOEHR ROENRENSSEE KASERNE	BAYREUTH	223	6	229	7	HEADQUARTERS AND ADMIN
	GRAFENWOEHR SCHNEEBERG RADIO STA	WEISSENSTADT	20	0	20	96	COMMUNICATIONS
	GRAFENWOEHR WALDHAUS BORDER OBSER PTS	WALDHAUS	0	0	0	11	SECURITY STATION
HANAU	ALSBERG FORWARD STORAGE SITE	SALHUNSTER	0	0	0	0	ARSENAL
HANAU	ARGONNER KASERNE	HANAU	0	75	75	52	HEADQUARTERS AND ADMIN
HANAU	ARMSTRONG BARRACKS	BUEDINGEN	1396	30	1426	39	HEADQUARTERS AND ADMIN
HANAU	ARMSTRONG VILLAGE FAM HSG	BUEDINGEN	0	0	0	17	HOUSING
HANAU	BENZ FACILITY	HANAU	0	0	0	0	HEADQUARTERS AND ADMIN
HANAU	BERNDACH TNG & STGE AREAS (3)	GELNHAUSEN	0	0	0	317	DIVISION TRAINING
HANAU	BUEDINGEN AMMO AREA	BUEDINGEN	0	0	0	23	ARSENAL
HANAU	BUEDINGEN ARMY HELIPORT	BUEDINGEN	0	0	0	29	AIRFIELD
HANAU	CAMPO POND TNG AREA	HANAU	0	0	0	257	DIVISION TRAINING
HANAU	CARDWELL VILLAGE FAM HSG	HANAU	0	48	48	10	HOUSING
HANAU	COLEMAN BARRACKS	GELNHAUSEN	2566	61	2627	79	HEADQUARTERS AND ADMIN
HANAU	COLEMAN VILLAGE FAM HSG	GELNHAUSEN	0	0	0	28	HOUSING
HANAU	FLIEGERHORST AIRFIELD KASERNE	HANAU	2991	173	3164	625	AIRFIELD
HANAU	FORAGE DEPOT	HANAU	0	58	58	9	OTHER
HANAU	FRANCOIS KASERNE	HANAU	734	19	753	21	HEADQUARTERS AND ADMIN
HANAU	GREBENHAIN FORWARD STG SITE	HANAU	0	0	0	0	ARSENAL

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
HANAU	GROSSAUHEIM KASERNE	HANAU	641	330	971	215	HEADQUARTERS AND ADMIN
HANAU	HAILER-HESE AMMO AREA	GELNHAUSEN	0	0	0	13	ARSENAL
HANAU	HESSEN-HOMBURG KASERNE	HANAU	1735	11	1746	18	HEADQUARTERS AND ADMIN
HANAU	HUTIER KASERNE	HANAU	1052	1489	2541	32	HEADQUARTERS AND ADMIN
HANAU	KILTANSTAEDTEN COMM FAC	HANAU	0	0	0	1	COMMUNICATIONS
HANAU	LAMBOY TNG AREA	HANAU	0	0	0	224	DIVISION TRAINING
HANAU	LORBACH AMMUNITION AREA	HANAU	0	0	0	12	ARSENAL
HANAU	NEW ARGONNER FAM HSG	HANAU	0	172	172	81	HOUSING
HANAU	PIONEER KASERNE	HANAU	2805	227	3032	95	HEADQUARTERS AND ADMIN
HANAU	PIONEER VILLAGE FAM HSG	HANAU	0	66	66	61	HOUSING
HANAU	ROTH TNG AREA	GELNHAUSEN	0	0	0	18	DIVISION TRAINING
HANAU	TIERGARTEN TNG AREA	BUEDINGEN	0	0	0	246	DIVISION TRAINING
HANAU	WOLFGANG KASERNE	HANAU	1	271	272	99	HEADQUARTERS AND ADMIN
HANAU	YORKHOF KASERNE	HANAU	17	35	52	4	HEADQUARTERS AND ADMIN
HEIDELBERG	CAMPBELL BARRACKS	HEIDELBERG	1947	1867	3814	42	HEADQUARTERS AND ADMIN
HEIDELBERG	EDINGEN RADIO RECEIVER FAC	EDINGEN	26	0	26	77	COMMUNICATIONS
HEIDELBERG	HAMMONDS BARRACKS	MANNHEIM	115	242	357	35	HEADQUARTERS AND ADMIN
HEIDELBERG	HEIDELBERG AAFES SERVICE STA	HEIDELBERG	0	0	0	1	OTHER
HEIDELBERG	HEIDELBERG AFN RELAY FAC	HEIDELBERG	0	0	0	19	COMMUNICATIONS
HEIDELBERG	HEIDELBERG AIRFIELD	HEIDELBERG	196	61	257	44	AIRFIELD
HEIDELBERG	HEIDELBERG COMMUNITY SUP CTR	HEIDELBERG	84	514	598	28	OTHER
HEIDELBERG	HEIDELBERG GOLF COURSE	SCHWETZINGEN	0	0	0	126	RECREATION
HEIDELBERG	HEIDELBERG HOSPITAL	HEIDELBERG	582	555	1137	23	HOSPITAL

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Country	Name of Installation	City	Authorized Manpower Full-time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	HEIDELBERG KILBOURNE KASERNE	SCHWETZINGEN	331	216	547	13	HEADQUARTERS AND ADMIN
	HEIDELBERG KOENIGSTUHL RADIO RELAY STA	HEIDELBERG	31	16	47	5	COMMUNICATIONS
	HEIDELBERG MARK TWAIN VILLAGE FAM HSG	HEIDELBERG	26	223	249	74	HOUSING
	HEIDELBERG OFTERSHEIM SMALL ARMS RANGE	SCHWETZINGEN	1	2	3	35	DIVISION TRAINING
	HEIDELBERG PATRICK HENRY VILLAGE FAM HSG	HEIDELBERG	38	626	664	2550	HOUSING
	HEIDELBERG PATTON BARRACKS	HEIDELBERG	642	843	1485	275	HEADQUARTERS AND ADMIN
	HEIDELBERG RHEINAU KASERNE	MANNHEIM	14	0	14	34	HEADQUARTERS AND ADMIN
	HEIDELBERG SCHWETZINGEN TRAINING AREA	SCHWETZINGEN	0	0	0	2089	DIVISION TRAINING
	HEIDELBERG SECKENHEIM AUTOBAHN KASERNE	MANNHEIM	50	78	128	203	HEADQUARTERS AND ADMIN
	HEIDELBERG TOMPKINS BARRACKS	SCHWETZINGEN	517	607	1124	89	HEADQUARTERS AND ADMIN
	HEILBRONN ARTILLERY KASERNE	NECKARSULM	354	4	358	23	HEADQUARTERS AND ADMIN
	HEILBRONN BADENERHOF KASERNE	HEILBRONN	514	0	514	24	HEADQUARTERS AND ADMIN
	HEILBRONN DALLAU TACTICAL DEFENSE STA	DALLAU	0	0	0	14	AIR DEFENSE SITE
	HEILBRONN DOLAN BARRACKS	SCHWAEBISCH HL	754	185	939	398	HEADQUARTERS AND ADMIN
	HEILBRONN EINKORN AFN FACILITY	SCHWAEBISCH HL	0	0	0	136	COMMUNICATIONS
	HEILBRONN HEILBRONN TNG AREA	HEILBRONN	0	0	0	1230	DIVISION TRAINING
	HEILBRONN HESSENTAL FAM HSG	SCHWAEBISCH HL	0	0	0	5	HOUSING
	HEILBRONN KENNEDY VILLAGE FAM HSG	HEILBRONN	1	32	33	58	HOUSING
	HEILBRONN LASSBACH FORWARD STORAGE SITE	KUENZELSAU	0	0	0	78	ARSENAL
	HEILBRONN MATHESHOERLEBACH RANGE	MATHESHOERLEBACH	0	0	0	18	DIVISION TRAINING
	HEILBRONN MUNA KUPFER AMMO FAC	KUPFER	0	0	0	80	ARSENAL
	HEILBRONN NECKARSULM 9M CLASS III PT	NECKARSULM	0	0	0	11	OTHER
	HEILBRONN SCHWEINSBERG RANGE	HEILBRONN	0	0	0	15	DIVISION TRAINING

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil			
	HEILBRONN SIEGELSBUCH AMMO FAC	SIEGELSBUCH	434	0	434	413	ARSENAL
	HEILBRONN WHARTON BARRACKS	HEILBRONN	1044	571	2415	50	HEADQUARTERS AND ADMIN
	HOHENFELS AMBERG AIRFIELD	AMBERG	0	0	0	41	AIRFIELD
	HOHENFELS AMBERG FAM HSG	AMBERG	0	0	0	9	HOUSING
	HOHENFELS BORDER CAMP MAY	REGEN	0	0	0	12	SECURITY STATION
	HOHENFELS BORDER CAMP REED	ROETZ	0	0	0	100	SECURITY STATION
	HOHENFELS ECKSTEIN RADIO RELAY FAC	KOETZING	13	0	13	33	COMMUNICATIONS
	HOHENFELS FRECHETSFELD RADIO SITE	FRECHETSFELD	11	0	11	3	COMMUNICATIONS
	HOHENFELS FREIHOELSER TNG AREA	AMBERG	0	0	0	340	DIVISION TRAINING
	HOHENFELS HIRSCHAU TNG AREA	HIRSCHAU	0	0	0	0	DIVISION TRAINING
	HOHENFELS HOHENFELS TNG AREA	HOHENFELS	660	1242	1902	40012	DIVISION TRAINING
	HOHENFELS PIONEER KASERNE	REGENSBURG	92	55	147	16	HEADQUARTERS AND ADMIN
	HOHENFELS POND BARRACKS	AMBERG	930	200	1212	43	HEADQUARTERS AND ADMIN
	HOHENFELS REGENSBURG FAM HSG	REGENSBURG	0	0	0	10	HOUSING
	HOHENFELS ROETZ BORDER OBSERVATION PTS 5	ROETZ	0	0	0	15	SECURITY STATION
	HOHENFELS SEIBERSDORF COMM FAC	REGENSBURG	0	0	0	3	COMMUNICATIONS
	KAISERSLAUTERN BAHN COMM STA	BAHN	0	0	0	8	COMMUNICATIONS
	KAISERSLAUTERN BREITENWALD TNG AREA	LANDSTUHL	0	0	0	246	DIVISION TRAINING
	KAISERSLAUTERN COMMUNITY FAC KAISERSLAUTERN E	KAISERSLAUTERN	0	0	0	53	OTHER
	KAISERSLAUTERN DAENNER KASERNE	KAISERSLAUTERN	901	61	962	20	HEADQUARTERS AND ADMIN
	KAISERSLAUTERN DAENNER POST CHAPEL	KAISERSLAUTERN	0	0	0	2	OTHER
	KAISERSLAUTERN ESELSFUERTH CM FAC	KAISERSLAUTERN	44	03	132	35	OTHER
	KAISERSLAUTERN HILL 365 RADIO RELAY FAC	KAISERSLAUTERN	0	0	0	19	COMMUNICATIONS



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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Average	Major Unit Activity function
			Mil.	Cil.			
	KAISERSLAUTERN KAISERSLAUTERN ARMY DEPOT	KAISERSLAUTERN	74	2089	2963	1279	DEPOT
	KAISERSLAUTERN KAISERSLAUTERN EQUIP SPT CTR	KAISERSLAUTERN	67	198	265	80	OTHER
	KAISERSLAUTERN KLEBER KASERNE	KAISERSLAUTERN	2481	435	2916	77	HEADQUARTERS AND ADMIN
	KAISERSLAUTERN LANDSTUHL HELIPORT	LANDSTUHL	39	44	83	1	AIRFIELD
	KAISERSLAUTERN LANDSTUHL HOSPITAL	LANDSTUHL	1164	786	1950	223	HOSPITAL
	KAISERSLAUTERN PANZER KASERNE	KAISERSLAUTERN	527	624	1151	0	HEADQUARTERS AND ADMIN
	KAISERSLAUTERN PULASKI BARRACKS	KAISERSLAUTERN	81	860	941	145	HEADQUARTERS AND ADMIN
	KAISERSLAUTERN RHINE ORDNANCE BARRACKS	KAISERSLAUTERN	1579	997	2576	3689	HEADQUARTERS AND ADMIN
	KAISERSLAUTERN SAMBACH AFN FAC	SAMBACH	4	3	7	17	COMMUNICATIONS
	KARLSRUHE BERG STOR PT	BUECHELBERG	0	0	0	131	ARSENAL
	KARLSRUHE BRUCHSAL ORD AREA	BRUCHSAL	0	0	0	581	ARSENAL
	KARLSRUHE CAMP THOMAS MAST	LANDAU	0	4	4	35	HEADQUARTERS AND ADMIN
	KARLSRUHE FELDBERG COMM FAC	FREIBURG 1 BR	26	21	107	1	COMMUNICATIONS
	KARLSRUHE FRIOLZHEIM COMMUNICATION FAC	FRIOLZHEIM	0	0	0	2	COMMUNICATIONS
	KARLSRUHE GEINSHEIM ACTIVITY	HASSLOCH	4	23	92	39	OTHER
	KARLSRUHE GERMERSHEIM AMMO AREA	GERMERSHEIM	0	0	0	246	ARSENAL
	KARLSRUHE GERMERSHEIM ARMY DEPOT	GERMERSHEIM	272	1074	1346	462	DEPOT
	KARLSRUHE GERMERSHEIM RTO FAC	GERMERSHEIM	0	0	0	4	HEADQUARTERS AND ADMIN
	KARLSRUHE GERSZEWSKI BARRACKS	KARLSRUHE	1660	269	1929	216	HEADQUARTERS AND ADMIN
	KARLSRUHE HOCHSTEITEN ORD FAC	KARLSRUHE	0	0	0	198	ARSENAL
	KARLSRUHE KALMIT RADIO RELAY SITE	ST MARTIN	14	0	14	1	COMMUNICATIONS
	KARLSRUHE KANDEL AMMO AREA	KANDEL	0	0	0	134	ARSENAL
	KARLSRUHE KANDEL TNG AREA	KANDEL	0	0	0	63	DIVISION TRAINING

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y	Name of Installation	City	Authorized Manpower		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	KARLSRUHE KARLSRUHE AIRFIELD	KARLSRUHE	0	16	16	199	AIRFIELD
	KARLSRUHE KARLSRUHE SHOPPING CENTER	KARLSRUHE	75	604	679	36	OTHER
	KARLSRUHE MOERSCH RANGE	MOERSCH	0	0	0	75	DIVISION TRAINING
	KARLSRUHE NEUREUT KASERNE	KARLSRUHE	980	540	1520	163	HEADQUARTERS AND ADMIN
	KARLSRUHE NEUREUT LABOR SERVICE KASEPNE	NEUREUT	0	482	482	31	HEADQUARTERS AND ADMIN
	KARLSRUHE PAUL REVERE VILLAGE FAM HSG	KARLSRUHE	3	133	136	176	HOUSING
	KARLSRUHE PFORZHEIM FAM HSG	PFORZHEIM	0	7	7	10	HOUSING
	KARLSRUHE PHILLIPSBURG AMMO AREA	KARLSRUHE	38	0	38	0	ARSENAL
	KARLSRUHE PHILLIPSBURG COMM FAC	PHILLIPSBURG	0	0	8	0	COMMUNICATIONS
	KARLSRUHE RHEINLAND KASERNE	ETTLINGEN	831	156	987	33	HEADQUARTERS AND ADMIN
	KARLSRUHE SECHOF AREA	ETTLINGEN	0	0	0	11	OTHER
	KARLSRUHE SMILEY BARRACKS	KARLSRUHE	477	567	1044	41	HEADQUARTERS AND ADMIN
	KARLSRUHE WALDSTADT AFN FAC	KARLSRUHE	0	0	0	10	COMMUNICATIONS
	KARLSRUHE WOERTH BIVOUAC AREA	WOERTH	0	0	0	246	DIVISION TRAINING
	MAINZ AZBIL BARRACKS	RUESSELSHEIM	386	0	386	6	HEADQUARTERS AND ADMIN
	MAINZ DR MARTIN LUTHER KING VILLAGE	MAINZ	0	0	0	62	HOUSING
	MAINZ DRAGONER KASERNE	MAINZ	71	948	1019	6	HEADQUARTERS AND ADMIN
	MAINZ FINTHEN AIRFIELD	FINTHEN	953	2	955	455	AIRFIELD
	MAINZ FINTHEN FAM HSG	FINTHEN	0	0	0	8	HOUSING
	MAINZ FINTHERLANDSTR FAM HSG	MAINZ	0	0	0	9	HOUSING
	MAINZ LEE BARRACKS	MAINZ	2832	45	2877	272	HEADQUARTERS AND ADMIN
	MAINZ MAINZ ARMY DEPOT	MAINZ	0	0	0	59	DEPOT
	MAINZ MAINZ R&U AREA	MAINZ	0	0	0	13	OTHER

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
MAINZ	MAINZ RTO	MAINZ	0	0	0	3	HEADQUARTERS AND ADMIN
MAINZ	MCCULLY BARRACKS	WACKERNHEIM	1182	129	1311	77	HEADQUARTERS AND ADMIN
MAINZ	MONBACH MAINTENANCE PLANT	MAINZ	0	0	0	0	DEPOT
MAINZ	OBEROLMERWALD CLASS III STORE	OBEROLM	0	17	17	160	ARSENAL
MAINZ	SANDFLORA FAM HSG	MAINZ	0	0	0	13	HOUSING
MAINZ	UHLERBORN HOUSING AREA	UHLERBORN	0	0	0	57	HOUSING
MAINZ	WACKERNHEIM MAINT FACILITY	FINTHEN	0	0	0	22	OTHER
MAINZ	WACKERNHEIM-SCHWABENWAELOCHEN TA	WACKERNHEIM	0	0	0	23	DIVISION TRAINING
MANNHEIM	BENJAHN FRANKLIN VIL FAM HSG	MANNHEIM	82	80	162	231	HOUSING
MANNHEIM	COLEMAN BARRACKS	MANNHEIM	3987	346	4333	580	HEADQUARTERS AND ADMIN
MANNHEIM	EDIGHEIM BEACON SITE	MANNHEIM	0	0	0	1	COMMUNICATIONS
MANNHEIM	FRIEDRICHSFELD QM SERVICE CTR	MANNHEIM	0	0	0	40	OTHER
MANNHEIM	FRIEDRICHSFELD STOR AREA	MANNHEIM	13	5	18	16	ARSENAL
MANNHEIM	FUNARI BARRACKS	MANNHEIM	274	413	687	30	HEADQUARTERS AND ADMIN
MANNHEIM	GENDARMERIE KASERNE	MANNHEIM	0	275	275	20	HEADQUARTERS AND ADMIN
MANNHEIM	LAMPERTHEIM AMMO AREA	LAMPERTHEIM	0	0	0	234	ARSENAL
MANNHEIM	LAMPERTHEIM BRIDGE TRNG SITE	LAMPERTHEIM	0	0	0	0	DIVISION TRAINING
MANNHEIM	LAMPERTHEIM TNG AREA	VIERNHEIM	0	112	112	5112	DIVISION TRAINING
MANNHEIM	MANNHEIM CLASS III POINT	MANNHEIM	0	0	0	44	OTHER
MANNHEIM	RHEINAU COAL PT D-1	MANNHEIM	0	0	0	38	OTHER
MANNHEIM	RHEINAU COAL PT D-4	MANNHEIM	0	0	0	6	OTHER
MANNHEIM	SCHIFFERSTADT AMMO AREA	LUDWIGSHAFEN	0	0	0	307	ARSENAL
MANNHEIM	SPINELLI BARRACKS	MANNHEIM	1025	480	1513	200	HEADQUARTERS AND ADMIN

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	MANHHEIM SULLIVAN BARRACKS	MANHHEIM	1678	17	1695	108	HEADQUARTERS AND ADMIN
	MANHHEIM TAYLOR BARRACKS	MANHHEIM	597	2016	2613	126	HEADQUARTERS AND ADMIN
	MANHHEIM TURLEY BARRACKS	MANHHEIM	778	160	938	33	HEADQUARTERS AND ADMIN
	MANHHEIM VIERNHEIM-LORSCH AMMO STOR	LORSCH	0	0	0	983	ARSENAL
	MUNICH ARTILLERY KASERNE	GARMISCH	13	4	17	22	HEADQUARTERS AND ADMIN
	MUNICH BAD AIBLING KASERNE	BAD AIBLING	0	0	0	318	HEADQUARTERS AND ADMIN
	MUNICH BERCHTESGADEN ACCOM BUILDING	BERCHTESGADEN	0	0	0	2	HEADQUARTERS AND ADMIN
	MUNICH BERCHTESGADEN FAM HSG	BERCHTESGADEN	0	0	0	0	HOUSING
	MUNICH CHIEMGAUSTR BIL & ADMIN AREA	MUNICH	0	0	0	15	HEADQUARTERS AND ADMIN
	MUNICH ECHING TNG AREA	MUNICH	0	0	0	1127	DIVISION TRAINING
	MUNICH ERDING GUESTHOUSE	ERDING	0	0	0	0	HOUSING
	MUNICH GARMISCH FAM HSG	GARMISCH	0	6	6	83	HOUSING
	MUNICH GARMISCH SHOPPING CENTER	GARMISCH	10	54	64	3	OTHER
	MUNICH GARMISCH SUPPLY AREA	GARMISCH	0	0	0	0	RECREATION
	MUNICH GRUENTHAL FAM HSG	MUNICH	0	0	0	4	HOUSING
	MUNICH HARLACHING ADMIN FACILITY	MUNICH	0	0	0	1	HEADQUARTERS AND ADMIN
	MUNICH HEPBERG AMMO STOR	INGOLSTADT	0	31	31	86	ARSENAL
	MUNICH HINTERBRAND OUTDOOR EDUC AREA	BERCHTESGADEN	0	0	0	0	OTHER
	MUNICH INGOLSTADT AUTOBAHN SVC FAC	INGOLSTADT	0	0	0	1	OTHER
	MUNICH LANDSHUT LAFATRE VITE FAC	LANDSHUT	0	0	0	6	COMMUNICATIONS
	MUNICH MCGRAW KASERNE	MUNICH	1171	1633	2804	116	HEADQUARTERS AND ADMIN
	MUNICH MUNICH AFN FACILITY	MUNICH	0	0	0	0	COMMUNICATIONS
	MUNICH MUNICH AYA FACILITIES	MUNICH	0	0	0	4	RECREATION

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
MUNICH	PERLACHER FOREST FAM HSG	MUNICH	0	0	0	242	HOUSING
MUNICH	SAEBENERSTR ATHLETIC FIELD	MUNICH	0	0	0	7	RECREATION
MUNICH	STANGASS CAMP AREA	BERCHTESGADEN	0	0	0	30	HEADQUARTERS AND ADMIN
MUNICH	STRUB KASERNE	BERCHTESGADEN	58	81	139	27	HEADQUARTERS AND ADMIN
MUNICH	WARNER COMMISSARY	MUNICH	0	0	0	3	OTHER
NEU ULM	BOLLINGEN TNG AREA	ULM	0	0	0	161	DIVISION TRAINING
NEU ULM	BUDESHEIM TNG AREA	GUENZBURG	0	0	0	44	DIVISION TRAINING
NEU ULM	BURLAFINGEN TNG AREA	NEU ULM	0	0	0	143	DIVISION TRAINING
NEU ULM	FORD FAM HSG	ULM	0	0	0	8	HOUSING
NEU ULM	GERLENHOFEN TNG AREA	NEU ULM	0	0	0	278	DIVISION TRAINING
NEU ULM	GUENZBURG COMM FAC	GUENZBURG	197	2	199	0	COMMUNICATIONS
NEU ULM	GUENZBURG TNG AREA	GUENZBURG	0	0	0	397	DIVISION TRAINING
NEU ULM	KLEINKOETZ TNG AREA	GUENZBURG	0	0	0	1269	DIVISION TRAINING
NEU ULM	LEIBI TNG AREA	NEU ULM	0	0	0	499	DIVISION TRAINING
NEU ULM	LEIPHEIM AAFES SERVICE STATION	LEIPHEIM	61	0	61	2	OTHER
NEU ULM	LUDWIGSFELD TNG AREA	NEU ULM	0	0	0	617	DIVISION TRAINING
NEU ULM	MAHRINGEN TNG AREA	ULM	0	0	0	91	DIVISION TRAINING
NEU ULM	MERKLINGEN TRAINING AREA	ULM	0	0	0	147	DIVISION TRAINING
NEU ULM	NELSON BARRACKS	NEU ULM	1193	1	1194	38	HEADQUARTERS AND ADMIN
NEU ULM	NEU ULM OFFICER CLUB	NEU ULM	0	0	0	1	RECREATION
NEU ULM	NEU ULM SUPPLY CENTER	NEU ULM	1	25	26	47	HEADQUARTERS AND ADMIN
NEU ULM	PFULLENDORF COMM FAC	PFULLENDORF	116	0	116	0	COMMUNICATIONS
NEU ULM	REISENSBURG TNG AREA	GUENZBURG	0	0	0	216	DIVISION TRAINING

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	NEU ULM SCHWAIGHOFEN STORAGE AREA	NEU ULM	0	0	0	3	ARSENAL
	NEU ULM STRASS TNG AREA	NEU ULM	0	0	0	316	DIVISION TRAINING
	NEU ULM THALFINGEN TNG AREA	NEU ULM	0	0	0	157	DIVISION TRAINING
	NEU ULM VON STEUBEN HSL TNG STA LEHM	ILLERTISSEN	0	0	0	70	AIR DEFENSE SITE
	NEU ULM VORFELD FAM HSG	NEU ULM	0	0	0	85	HOUSING
	NEU ULM WILEY BARRACKS	NEU ULM	1863	598	2461	189	HEADQUARTERS AND ADMIN
	NORDDEUTSCHLAND BLINK FAM HSG	BREMERHAVEN	0	0	0	40	HOUSING
	NORDDEUTSCHLAND BREMERHAVEN DOCK AREA	BREMERHAVEN	15	68	83	18	HARBORS AND PORTS
	NORDDEUTSCHLAND BREMERHAVEN HOSPITAL	BREMERHAVEN	276	200	476	9	HOSPITAL
	NORDDEUTSCHLAND BREMERHAVEN RTO	BREMERHAVEN	3	0	3	3	HEADQUARTERS AND ADMIN
	NORDDEUTSCHLAND CARL SCHURZ KASERNE	BREMERHAVEN	1472	1936	3408	370	HEADQUARTERS AND ADMIN
	NORDDEUTSCHLAND DELMENHORST COMM FAC	DELMENHORST	24	16	40	2	COMMUNICATIONS
	NORDDEUTSCHLAND DOERVERDEN COMM FAC	VERDEN	0	0	0	1	COMMUNICATIONS
	NORDDEUTSCHLAND DUENSEN COMM FAC	DELMENHORST	41	0	41	1	COMMUNICATIONS
	NORDDEUTSCHLAND ENGEMOOR FAM HSG	BREMERHAVEN	0	0	0	15	HOUSING
	NORDDEUTSCHLAND FLENSBURG COMM FAC	FLENSBURG	132	3	135	5	COMMUNICATIONS
	NORDDEUTSCHLAND KELLINGHUSEN COMM FAC	KELLINGHUSEN	51	0	51	2	COMMUNICATIONS
	NORDDEUTSCHLAND LANGENDAMM COMM FAC	NIEENBURG	0	0	0	2	COMMUNICATIONS
	NORDDEUTSCHLAND LUCIUS D CLAY KASERNE	GARLSTEDT	4409	99	4508	348	HEADQUARTERS AND ADMIN
	NORDDEUTSCHLAND OSTERHOLZ-SCHARMBECK CENTRUM	O-SCHARMBECK	0	66	66	37	HEADQUARTERS AND ADMIN
	NORDDEUTSCHLAND SCHLESWIG COMM FAC	SCHLESWIG	0	0	0	15	COMMUNICATIONS
	NORDDEUTSCHLAND SOEGEL COMMUNICATION FACILITY	SOEGEL	210	6	216	13	COMMUNICATIONS
	NORDDEUTSCHLAND WOBECK ELECTRONIC TEST FAC	SCHOENINGEN	106	34	140	29	SECURITY STATION

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			Mil.	Cil.			
	NUERNBERG BERNBACH RANGE	FUERTH	0	0	0	26	DIVISION TRAINING
	NUERNBERG DAMBACH FAM HSG	FUERTH	0	0	0	24	HOUSING
	NUERNBERG DARBY KASERNE	FUERTH	1643	2278	3921	98	HEADQUARTERS AND ADMIN
	NUERNBERG ERLANGEN FAM HSG	ERLANGEN	0	0	0	21	HOUSING
	NUERNBERG FERRIS BARRACKS	ERLANGEN	3541	367	3908	317	HEADQUARTERS AND ADMIN
	NUERNBERG FEUCHT AIRFIELD	FEUCHT	537	25	562	212	AIRFIELD
	NUERNBERG FEUCHT AMMO STORAGE AREA	FEUCHT	0	19	19	541	ARSENAL
	NUERNBERG FEUCHT POL STOR FAC	FEUCHT	0	0	0	38	ARSENAL
	NUERNBERG FUERTH SHOPPING CENTER	FUERTH	2	1244	1246	14	OTHER
	NUERNBERG HAINBERG SCHOOL	FUERTH	0	0	0	0	SCHOOLS AND CENTERS
	NUERNBERG HEROLDSBERG BIVOUAC AREA	HEROLDSBERG	0	0	0	147	DIVISION TRAINING
	NUERNBERG HERZO BASE	HERZOGENAURACH	1177	146	1323	316	HEADQUARTERS AND ADMIN
	NUERNBERG HERZOGENAURACH FAM HSG	HERZOGENAURACH	0	0	0	7	HOUSING
	NUERNBERG JOHNSON BARRACKS	FUERTH	959	176	1135	126	HEADQUARTERS AND ADMIN
	NUERNBERG KALB FAMILY HOUSING	FUERTH	0	0	0	103	HOUSING
	NUERNBERG MERRELL BARRACKS	NUERNBERG	1277	186	1463	46	HEADQUARTERS AND ADMIN
	NUERNBERG MONTEITH BARRACKS	FUERTH	1579	178	1757	305	HEADQUARTERS AND ADMIN
	NUERNBERG NUERNBERG ATHLETIC FIELD	NUERNBERG	0	0	0	30	RECREATION
	NUERNBERG NUERNBERG COAL YARD	NUERNBERG	0	0	0	8	OTHER
	NUERNBERG NUERNBERG HOSPITAL	NUERNBERG	536	383	919	28	HOSPITAL
	NUERNBERG NUERNBERG TRANSIENY BILLET	NUERNBERG	0	0	0	0	HOUSING
	NUERNBERG O'BRIEN BARRACKS	SCHWABACH	1416	93	1509	54	HEADQUARTERS AND ADMIN
	NUERNBERG PASTORIUSSTR FAM HSG	NUERNBERG	0	0	0	24	HOUSING

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	NUERNBERG PINDER BARRACKS	ZIRNDORF	1920	96	2016	61	HEADQUARTERS AND ADMIN
	NUERNBERG REINWARZHOFEN RAD REL FAC	REINWARZHOFEN	0	0	0	1	COMMUNICATIONS
	NUERNBERG SCHWABACH FAM HSG	SCHWABACH	0	0	0	8	HOUSING
	NUERNBERG SCHWABACH RANGE	SCHWABACH	0	0	0	15	DIVISION TRAINING
	NUERNBERG SCHWABACH TNG AREA	SCHWABACH	0	0	0	224	DIVISION TRAINING
	NUERNBERG TENNELLOHE TNG AREA	TENNELLOHE	0	0	0	7996	DIVISION TRAINING
	NUERNBERG ZENNWALD AMMO STORAGE AREA	FUERTH	0	0	0	22	ARSENAL
	PIRMASENS BOELLENBORN COMM FAC	BERGZABERN	0	0	0	1	COMMUNICATIONS
	PIRMASENS CLAUSEN AMMO AREA 59	CLAUSEN	0	0	0	54	ARSENAL
	PIRMASENS DAHN AMMO DEPOT	DAHN	19	534	553	979	ARSENAL
	PIRMASENS FISCHBACH ORD DEPOT	FISCHBACH	487	1	488	1670	ARSENAL
	PIRMASENS HOEHMUEHLBACH RAILHEAD FAC	HOEHMUEHLBACH	0	0	0	12	OTHER
	PIRMASENS HUSTERHOEH KASERNE	PIRMASENS	2207	2726	4933	724	HEADQUARTERS AND ADMIN
	PIRMASENS LANGERKOPF COMM STATION	LEIMEN	0	0	0	4	COMMUNICATIONS
	PIRMASENS LEIMEN AMMO AREA 67	LEIMEN	0	0	0	43	ARSENAL
	PIRMASENS LEMBERG AMMO AREA 64	LEMBERG	0	0	0	73	ARSENAL
	PIRMASENS LEMBERG MISSILE STA & TNG AREA	SALZWOOG	129	6	135	926	DIVISION TRAINING
	PIRMASENS MERZALBEN UG WHSE	MERZALBEN	0	0	0	25	OTHER
	PIRMASENS MUENCHWEILER HOSPITAL	MUENCHWEILER	621	97	718	116	HOSPITAL
	PIRMASENS MUENCHWEILER UG WHSE 7602	MUENCHWEILER	0	0	0	18	OTHER
	PIRMASENS PIRMASENS QM FAC	PIRMASENS	8	16	24	7	OTHER
	PIRMASENS PIRMASENS RECREATIONAL CAMP	DAHN	0	0	0	134	RECREATION
	PIRMASENS PIRMASENS UG STORAGE AREAS	PIRMASENS	436	0	436	57	ARSENAL



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			Mil.	Cil.			
	PIRMASENS RUPPERTSWILDER ADMIN AREA	RUPPERTSWEILER	0	0	0	62	HEADQUARTERS AND ADMIN
	PIRMASENS RUPPERTSWEILER AMMO AREA 65	RUPPERTSWEILER	249	0	249	47	ARSENAL
	PIRMASENS RUPPERTSWEILER WHSE 7608	RUPPERTSWEILER	0	0	0	2	OTHER
	PIRMASENS SCHMALENBERG U G WHSE 7600	SCHMALENBERG	0	0	0	19	OTHER
	PIRMASENS SCHOPP STORAGE FAC	SCHOPP	0	0	0	4	ARSENAL
	PIRMASENS SPIRKELBACH STOR FAC	SPIRKELBACH	0	0	0	16	ARSENAL
	PIRMASENS WILGARTSWIESEN WHSE 7610	WILGARTSWIESEN	0	0	0	3	OTHER
	RHEINBERG BRUEGGEN COMM FAC	BRUEGGEN	0	0	0	0	COMMUNICATIONS
	RHEINBERG DUELKEN COMM FAC	DUELKEN	45	0	45	0	COMMUNICATIONS
	RHEINBERG DUEREN DROVE COMM FAC	DUEREN	0	0	0	0	COMMUNICATIONS
	RHEINBERG GEILENKIRCHEN AIRBASE	GEILENKIRCHEN	875	18	893	0	AIRFIELD
	RHEINBERG GREVENBROICH-KAPPELEN SITE	GREVENBROICH	0	118	118	30	ARSENAL
	RHEINBERG HAMMINKELN COMM FAC	HAMMINKELN	8	0	8	0	COMMUNICATIONS
	RHEINBERG HERONGEN STORAGE AREA	HINSBECK	21	259	280	531	ARSENAL
	RHEINBERG HINSBECK COMM FAC	HINSBECK	0	0	0	0	COMMUNICATIONS
	RHEINBERG KALKAR HOUSING AREA	KALKAR	0	0	0	0	HOUSING
	RHEINBERG MUENSTER COMM FAC	MUENSTER-WESTF	20	12	32	1	COMMUNICATIONS
	RHEINBERG SCHOEPPINGER BERG COMM FAC	SCHOEPPINGEN	197	2	199	0	COMMUNICATIONS
	RHEINBERG SIMPSON BARRACKS	MUENSTER	0	0	0	3	OTHER
	RHEINBERG SOUTH PARK STORAGE AREA	HINSBECK	70	363	433	475	ARSENAL
	RHEINBERG TWISTEDEN AMMO AREA	HINSBECK	19	66	85	410	ARSENAL
	RHEINBERG VANGUARD LOGISTICS COMPLEX	RHEINBERG	400	675	1075	144	HEADQUARTERS AND ADMIN
	RHEINBERG WINDBERG BARRACKS	MOENCHENGLADBACH	47	21	68	3	HEADQUARTERS AND ADMIN

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	SCHWEINFURT ASKREN MANOR FAM HSG	SCHWEINFURT	1	29	30	71	HOUSING
	SCHWEINFURT BAD KISSINGEN AMMO FAC	BAD KISSINGEN	0	0	0	6	ARSENAL
	SCHWEINFURT BAD KISSINGEN TAC DEF FAC	BAD KISSINGEN	0	0	0	27	AIR DEFENSE SITE
	SCHWEINFURT BAD KISSINGEN TNG AREAS	BAD KISSINGEN	0	0	0	515	DIVISION TRAINING
	SCHWEINFURT CAMP LEE	BAD NEUSTADT	0	0	0	35	SECURITY STATION
	SCHWEINFURT CONN BARRACKS	SCHWEINFURT	3516	13	3529	410	HEADQUARTERS AND ADMIN
	SCHWEINFURT DALEY BARRACKS	BAD KISSINGEN	1797	215	2002	84	HEADQUARTERS AND ADMIN
	SCHWEINFURT DALEY VILLAGE FAM HSG	BAD KISSINGEN	0	0	0	17	HOUSING
	SCHWEINFURT LEDWARD BKS	SCHWEINFURT	2567	730	3297	127	HEADQUARTERS AND ADMIN
	SCHWEINFURT MASSBACH QRS SITE	SCHWEINFURT	0	0	0	0	ARSENAL
	SCHWEINFURT REITERSWIESEN AIRFIELD	BAD KISSINGEN	0	0	0	20	AIRFIELD
	SCHWEINFURT REITERSWIESEN AMMO STOR	BAD KISSINGEN	0	0	0	3	ARSENAL
	SCHWEINFURT REITERSWIESEN QRS SITE	BAD KISSINGEN	0	0	0	98	ARSENAL
	SCHWEINFURT REITERSWIESEN TNG AREA	BAD KISSINGEN	0	0	0	738	DIVISION TRAINING
	SCHWEINFURT ROTTERSHAUSEN AMMO STOR AREA	SCHWEINFURT	0	0	0	186	ARSENAL
	SCHWEINFURT SCHWEINFURT TNG AREAS	SCHWEINFURT	0	0	0	34971	DIVISION TRAINING
	SCHWEINFURT SULZHEIM TNG AREA	SULZHEIM	0	0	0	145	DIVISION TRAINING
	SCHWEINFURT ZABELSTEIN RADIO RELAY STATION	GEROLZHOFEN	10	0	10	2	COMMUNICATIONS
	STUTTGART ALDINGERSTR FAM HSG	LUDWIGSBURG	0	0	0	35	HOUSING
	STUTTGART BAD CANNSTATT HOSPITAL	STUTTGART	451	280	731	31	HOSPITAL
	STUTTGART BOEBLINGEN FAM HSG	BOEBLINGEN	0	0	0	25	HOUSING
	STUTTGART BOEBLINGEN MAINTENANCE PLANT	BOEBLINGEN	523	87	610	193	DEPOT
	STUTTGART BOEBLINGEN OFFICERS CLUB	BOEBLINGEN	0	0	0	2	RECREATION

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			Mil.	Cil.			
	STUTT GART BOEBLINGEN RANGE	BOEBLINGEN	0	0	0	19	DIVISION TRAINING
	STUTT GART BOEBLINGEN TNG AREA	BOEBLINGEN	0	0	0	2221	DIVISION TRAINING
	STUTT GART COFFEY BARRACKS	LUDWIGSBURG	839	44	883	22	HEADQUARTERS AND ADMIN
	STUTT GART ECHTERDINGEN AIRFIELD	STUTT GART	423	2	425	235	AIRFIELD
	STUTT GART FLAK KASERNE	LUDWIGSBURG	914	121	1035	44	HEADQUARTERS AND ADMIN
	STUTT GART FUNKER KASERNE	ESSLINGEN	0	72	72	19	HEADQUARTERS AND ADMIN
	STUTT GART GRENADEIER KASERNE	STUTT GART	84	1570	1654	21	HEADQUARTERS AND ADMIN
	STUTT GART JAEGERHAUS RANGE	ESSLINGEN	0	0	0	43	DIVISION TRAINING
	STUTT GART KARLS KASERNE	LUDWIGSBURG	98	35	133	5	HEADQUARTERS AND ADMIN
	STUTT GART KEFURT & CRAIG VILLAGE FAM HSG	STUTT GART	0	0	0	39	HOUSING
	STUTT GART KELLEY BARRACKS	STUTT GART	993	385	1378	67	HEADQUARTERS AND ADMIN
	STUTT GART KORNWESTHEIM AIRFLD & TNG AREA	KORNWESTHEIM	0	0	0	235	AIRFIELD
	STUTT GART KORNWESTHEIM GOLF COURSE	KORNWESTHEIM	0	0	0	324	RECREATION
	STUTT GART KRABENLOCH KASERNE	LUDWIGSBURG	1182	40	1222	28	HEADQUARTERS AND ADMIN
	STUTT GART LUDENDORFF KASERNE	KORNWESTHEIM	681	40	721	29	HEADQUARTERS AND ADMIN
	STUTT GART LUDWIGSBURG ENGR R&U SHOP	LUDWIGSBURG	0	0	0	1	OTHER
	STUTT GART LUDWIGSBURG QM WAREHOUSE	LUDWIGSBURG	0	0	0	2	OTHER
	STUTT GART MOERHINGEN FAM HSG	STUTT GART	0	0	0	33	HOUSING
	STUTT GART MURPHY BARRACKS	LUDWIGSBURG	0	0	0	1	HEADQUARTERS AND ADMIN
	STUTT GART NELLINGEN FAM HSG	NELLINGEN	0	0	0	43	HOUSING
	STUTT GART NELLINGEN KASERNE	NELLINGEN	2009	278	2287	367	HEADQUARTERS AND ADMIN
	STUTT GART OSTERHOLZ STOR FAC	LUDWIGSBURG	1	29	30	59	ARSENAL
	STUTT GART PANZER KASERNE	BOEBLINGEN	2177	9	2186	89	HEADQUARTERS AND ADMIN

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			Mil.	Cil.			
	STUTTGART PANZERSTRASSE	DOEBLINGEN	0	0	0	9	OTHER
	STUTTGART PATCH BARRACKS	STUTTGART	1671	477	2148	108	HEADQUARTERS AND ADMIN
	STUTTGART PATTONVILLE FAM HSG	LUDWIGSBURG	51	382	433	169	HOUSING
	STUTTGART PULVERDINGEN TNG AREA	PULVERDINGEN	0	0	0	104	DIVISION TRAINING
	STUTTGART ROBINSON BARRACKS	STUTTGART	448	1027	1475	53	HEADQUARTERS AND ADMIN
	STUTTGART ROBINSON-GRENADIER FAM HSG	STUTTGART	0	0	0	136	HOUSING
	STUTTGART SACHSENHEIM MISSILE STA	SACHSENHEIM	0	0	0	127	AIR DEFENSE SITE
	STUTTGART STEUREN & WEICHT VIL FAM HSG	STUTTGART	0	0	0	48	HOUSING
	STUTTGART STUTTGART ADMIN FACILITY	STUTTGART	0	0	0	2	HEADQUARTERS AND ADMIN
	STUTTGART STUTTGART DEPENDENT SCHOOL	STUTTGART	0	0	0	15	SCHOOLS AND CENTERS
	STUTTGART STUTTGARTERSTR FAM HSG	LUDWIGSBURG	0	0	0	6	HOUSING
	STUTTGART VALDEZ BARRACKS	LUDWIGSBURG	6	223	229	5	HEADQUARTERS AND ADMIN
	STUTTGART WALLACE & MCGEE BKS	STUTTGART	29	458	487	23	HEADQUARTERS AND ADMIN
	STUTTGART WEILIMDORF WAREHOUSE	STUTTGART	0	0	0	4	OTHER
	STUTTGART WILKIN BARRACKS	KORNWESTHEIM	507	47	554	28	HEADQUARTERS AND ADMIN
	VILSECK SOUTH CAMP VILSECK	VILSECK	2256	1566	3822	2193	HEADQUARTERS AND ADMIN
	WIESBADEN AMELIA EARHART HOTEL	WIESBADEN	0	0	0	6	HOUSING
	WIESBADEN AMERICAN ARMS HOTEL	WIESBADEN	0	0	0	5	HOUSING
	WIESBADEN AUKAMM HSG AREA	WIESBADEN	0	46	46	93	HOUSING
	WIESBADEN CAMP PIERI	WIESBADEN	1034	48	1082	38	HEADQUARTERS AND ADMIN
	WIESBADEN CRESTVIEW HSG AREA	WIESBADEN	0	0	0	32	HOUSING
	WIESBADEN HAINERBERG HSG AND SHOP CTR	WIESBADEN	3	413	416	167	HOUSING
	WIESBADEN KASTEL HSG AREA	WIESBADEN	0	15	15	28	HOUSING

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Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
	WIESBADEN KASTEL STOR FAC	MAINZ	147	459	606	58	ARSENAL
	WIESBADEN LIMBACH AMMO AREA	LIMBACH	0	26	26	85	ARSENAL
	WIESBADEN MONTABAU COMM FAC	MONTABAU	63	0	63	1	COMMUNICATIONS
	WIESBADEN RHEINBLICK REC ANNEX	WIESBADEN	0	12	12	172	RECREATION
	WIESBADEN SCHIERSTEIN HSG AREA	WIESBADEN	240	0	240	1	HOUSING
	WIESBADEN STECKENROTH REC ANNEX	IDSTEIN	0	0	0	5	RECREATION
	WIESBADEN WIESBADEN AB	WIESBADEN	6993	2744	9737	638	AIRFIELD
	WIESBADEN WIESBADEN SMALL ARMS RANGE	WIESBADEN	0	0	0	26	DIVISION TRAINING
	WIESBADEN WIESBADEN SVC ANNEX	WIESBADEN	7	50	57	3	OTHER
	WILDFLECKEN CAMP WILDFLECKEN	WILDFLECKEN	2862	1155	4017	786	HEADQUARTERS AND ADMIN
	WILDFLECKEN REUSSENDORF AMMO STOR AREA	WILDFLECKEN	0	0	0	216	ARSENAL
	WILDFLECKEN STERBFRITZ FORWARD STORAGE SIT	SCHLUECHTERN	0	0	0	0	ARSENAL
	WILDFLECKEN WILDFLECKEN FAM HSG	WILDFLECKEN	0	0	0	48	HOUSING
	WILDFLECKEN WILDFLECKEN QM SUP PT	WILDFLECKEN	0	0	0	50	OTHER
	WILDFLECKEN WILDFLECKEN TAC DEF SITE	WILDFLECKEN	0	0	0	34	AIR DEFENSE SITE
	WILDFLECKEN WILDFLECKEN TNG RANGE	WILDFLECKEN	0	0	0	16889	DIVISION TRAINING
	WORMS BOERRSTADT AMMO DEPOT	KIRCHHEIMBOLAN	0	0	0	52	ARSENAL
	WORMS DANNENFELS COMM STA	DANNENFELS	0	5	5	4	COMMUNICATIONS
	WORMS DE LA POLICE KASERNE	WORMS	127	21	148	4	HEADQUARTERS AND ADMIN
	WORMS DONNERSBERG RADIO RELAY STA	DANNENFELS	50	0	50	1	COMMUNICATIONS
	WORMS EPELSHEIM CLASS V PT	EPELSHEIM	0	0	0	25	ARSENAL
	WORMS GRUENSTADT AFES FAC	GRUENSTADT	7	1239	1246	24	OTHER
	WORMS GRUENSTADT COMM STA	GRUENSTADT	0	0	0	66	COMMUNICATIONS

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Country	Name of Installation	City	Authorized Manpower		Tot.	Total Acreage	Major Unit Activity Function
			Full-Time	Permanently Assigned			
WORMS	HAIDE LABOR SERVICE CAMP	KIRCHHEIMDOLAN	0	233	233	16	HOUSING
WORMS	HARDENBURG COMM STA HLS16	BAD DUERKHEIM	0	0	0	6	COMMUNICATIONS
WORMS	KERZENHEIM COMM FAC	KERZENHEIM	0	0	0	3	COMMUNICATIONS
WORMS	KRIEGSFELD AMMO DEPOT	KIRCHHEIMDOLAN	692	15	707	1221	ARSENAL
WORMS	LEISTADT COMM FAC HILL 460	BAD DUERKHEIM	0	0	0	2	COMMUNICATIONS
WORMS	LOHNSFELD COMM STA	LOHNSFELD	50	67	117	344	COMMUNICATIONS
WORMS	QUIRNHEIM MISSILE STA	QUIRNHEIM	0	0	0	31	AIR DEFENSE SITE
WORMS	SCHOENBORN MISSILE STA	SCHOENBORN	129	0	129	41	AIR DEFENSE SITE
WORMS	TAUKKUNEN BARRACKS	WORMS	806	841	1647	31	HEADQUARTERS AND ADMIN
WORMS	THOMAS JEFFERSON VIL FAM HSG	WORMS	1	71	72	35	HOUSING
WORMS	WEIERHOF FAM HSG	KIRCHHEIMDOLAN	8	121	129	25	HOUSING
WORMS	WORMS ATHLETIC FIELD	WORMS	0	0	0	11	RECREATION
WORMS	WORMS COMMUNITY PARK	WORMS	0	0	0	41	OTHER
WORMS	WORMS QM AREA	WORMS	15	0	15	7	OTHER
WORMS	WORMS R&D AREA	WORMS	0	0	0	7	OTHER
WORMS	WORMS TRAINING AREA	WORMS	0	0	0	8	DIVISION TRAINING
WUERZBURG	ALTENSCHOENBACH COMM SIT(EDCN)	WUERZBURG	0	0	0	7	COMMUNICATIONS
WUERZBURG	DEUTSCHORDEN KASERNE	BAD MERGENTHEIM	62	70	132	1	HEADQUARTERS AND ADMIN
WUERZBURG	EMERY BARRACKS	WUERZBURG	1002	60	1062	53	HEADQUARTERS AND ADMIN
WUERZBURG	FAULENBERG KASERNE	WUERZBURG	300	923	1223	63	HEADQUARTERS AND ADMIN
WUERZBURG	GIEBELSTADT ARMY AIRFIELD	GIEBELSTADT	2141	326	2467	0	AIRFIELD
WUERZBURG	GIEBELSTADT DYA CAMP	GIEBELSTADT	0	0	0	32	RECREATION
WUERZBURG	GIEBELSTADT TAC DEF FAC	WUERZBURG	0	0	0	26	AIR DEFENSE SITE

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			Mil.	Cil.			
	WUERZBURG HAMMELBURG FORWARD STORAGE SITE	WUERZBURG	0	0	0	0	ARSENAL
	WUERZBURG HARDHEIM MISSILE STA	HARDHEIM	129	5	134	23	AIR DEFENSE SITE
	WUERZBURG HARVEY BARRACKS	KITZINGEN	2900	581	3481	630	HEADQUARTERS AND ADMIN
	WUERZBURG HINDENBURG BARRACKS	WUERZBURG	833	116	949	17	HEADQUARTERS AND ADMIN
	WUERZBURG KITZINGEN BN OPS CENTER	KITZINGEN	0	0	0	3	OTHER
	WUERZBURG KITZINGEN FAMILY HOUSING	KITZINGEN	0	0	0	80	HOUSING
	WUERZBURG KITZINGEN TNG AREAS	KITZINGEN	0	0	0	2768	DIVISION TRAINING
	WUERZBURG LARSON BARRACKS	KITZINGEN	3064	412	3476	656	HEADQUARTERS AND ADMIN
	WUERZBURG LEIGHTON BARRACKS	WUERZBURG	1294	1070	2364	342	HEADQUARTERS AND ADMIN
	WUERZBURG MAINDULLAU MISSILE STA	HILTENBERG	0	183	183	33	AIR DEFENSE SITE
	WUERZBURG OCHSENFURT TNG AREA	OCHSENFURT	0	0	0	339	DIVISION TRAINING
	WUERZBURG PEDEN BARRACKS	WERTHEIM	1511	515	2026	520	HEADQUARTERS AND ADMIN
	WUERZBURG ROGGENBERG AMMO AREA	BAD MERGENTHEIM	0	0	0	0	ARSENAL
	WUERZBURG SCHWANBERG DCS SITE	KITZINGEN	0	0	0	0	COMMUNICATIONS
	WUERZBURG STEINGACHTAL AMMO AREA	WUERZBURG	0	0	0	131	ARSENAL
	WUERZBURG WUERZBURG HOSPITAL	WUERZBURG	327	293	620	14	HOSPITAL
	WUERZBURG WUERZBURG MSG FAC	WUERZBURG	0	0	0	9	AIR DEFENSE SITE
	WUERZBURG WUERZBURG SUPPLY PT	WUERZBURG	0	0	0	14	OTHER
	WUERZBURG WUERZBURG TAC DEF FAC	WUERZBURG	0	0	0	20	AIR DEFENSE SITE
	WUERZBURG WUERZBURG TNG AREAS	WUERZBURG	0	0	0	1584	DIVISION TRAINING
	ZWEIBRUECKEN BUESCHFELD AMMO STOR	BUESCHFELD	0	0	0	30	ARSENAL
	ZWEIBRUECKEN DIETRICHENGEN RECREATION AREA	ZWEIBRUECKEN	0	0	0	4	RECREATION
	ZWEIBRUECKEN DIFFERTEN AMMO STOR	DIFFERTEN	0	0	0	30	ARSENAL

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	ZWEIBRUECKEN HAUSTADT AMMO STOR	HAUSTADT	0	0	0	30	ARSENAL
	ZWEIBRUECKEN KREUZBERG KASERNE	ZWEIBRUECKEN	877	2091	3768	125	HEADQUARTERS AND ADMIN
	ZWEIBRUECKEN MIESAU AMMO DEPOT	MIESAU	1010	1471	2481	2572	ARSENAL
	ZWEIBRUECKEN UREXWEILER AMMO STOR	UREXWEILER	0	0	0	31	ARSENAL
GREECE	ARGYROUPOLIS SITE	ARGYROUPOLIS	58	0	58	5	ARSENAL
GREECE	ELEFSIS CUST SITE	ELEFSIS	0	0	0	33	ARSENAL
GREECE	ELEFSIS HQ CMLX	ELEFSIS	229	9	238	10	HEADQUARTERS AND ADMIN
GREECE	PERIVOLAKI SITE	PERIVOLAKI	58	0	58	3	ARSENAL
LIVORNO	CAMP DARBY	PISA	699	678	1377	159	HEADQUARTERS AND ADMIN
LIVORNO	COLTANO TROPOSCATTER SITE	PISA	131	12	150	269	COMMUNICATIONS
LIVORNO	FINALE TROPOSCATTER SITE	FINALE LIGURE	0	0	0	10	COMMUNICATIONS
LIVORNO	LIVORNO SUPPLY & MAINT AREA	LIVORNO	81	37	118	277	DEPOT
LIVORNO	LIVORNO TRAINING AREA	PISA	0	0	0	50	DIVISION TRAINING
LIVORNO	PISA AMMO STOR AREA	PISA	0	0	0	2093	ARSENAL
LIVORNO	TIRRENIA RECREATION SITE	PISA	0	0	0	4	RECREATION
VICENZA	BRESSANONE COMM SITE	BRESSANONE	0	0	0	0	COMMUNICATIONS
VICENZA	CAMP EDERLE	VICENZA	2818	1041	3859	161	HEADQUARTERS AND ADMIN
VICENZA	CEGGIA COMM SITE	CEGGIA	8	0	8	1	COMMUNICATIONS
VICENZA	COLOGNE COMM SITE	COLOGNE	0	0	0	0	COMMUNICATIONS
VICENZA	LONGARE COMM SITE	VICENZA	142	0	142	0	COMMUNICATIONS
VICENZA	ODERZO COMM SITE	ODERZO	89	0	89	1	COMMUNICATIONS
VICENZA	PORTUGUARO SITE	PORTUGUARO	0	0	0	0	ARSENAL



DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
Used by U.S. Forces in USAREUR  
FY 90

PAGE: 37

Country	Name of Installation	City	Authorized Manpower Full-Time Permanently Assigned		Tot.	Total Acreage	Major Unit Activity Function
			Mil.	Cil.			
VICENZA	SAN GOTTARDO SIGNAL SITE	ZOVENCEDO	0	0	0	0	COMMUNICATIONS
	VERONA RIVERSIDE SCHOOL	VERONA	0	15	15	6	SCHOOLS AND CENTERS
	VICENZA BASIC LOAD STOR AREA	VICENZA	0	0	0	34	ARSENAL
	VICENZA FAM HSG	VICENZA	0	0	0	82	HOUSING
	BELGIUM LUXEMBOURG		0	0	0	0	OTHER
KAISERSLAUTERN	BETTIENBOURG SITE		0	0	0	0	OTHER
	SANEM SITE		0	0	0	0	OTHER
NL	THE NETHERLANDS BRUNSSUM POMMS	BRUNSSUM	1019	112	1131	0	ARSENAL
	THE NETHERLANDS COEVORDEN POMMS & UBL	COEVORDEN	33	34	67	0	ARSENAL
	THE NETHERLANDS EYGELSHOVEN RESERVE STRGE AREA	KERKRADE	1	11	12	0	ARSENAL
	THE NETHERLANDS HENDRIK MINE	BRUNSSUM	0	0	0	0	HEADQUARTERS AND ADMIN
	THE NETHERLANDS HOEK VAN HOLLAND COMM FAC	DEN HAAG	8	0	8	0	COMMUNICATIONS
	THE NETHERLANDS ROTTERDAM ADMIN FACILITY	ROTTERDAM	118	120	238	0	HEADQUARTERS AND ADMIN
	THE NETHERLANDS SCHINNE EMMA MINE	SCHINNE	87	320	407	24	HEADQUARTERS AND ADMIN
	THE NETHERLANDS STEENWIJKERWOLD COMM FAC	STEENWIJKERWOLD	72	0	72	0	COMMUNICATIONS
	THE NETHERLANDS T' HARDE COMM FAC & LRSP	ZWOLLE	45	0	45	0	COMMUNICATIONS
	THE NETHERLANDS TAPIJN KASERNE	MAASTRICHT	96	7	103	0	HEADQUARTERS AND ADMIN
	THE NETHERLANDS TER APEL POMMS (VLAGTWEDDE)	TER APEL	14	2	16	0	ARSENAL
	THE NETHERLANDS VRIEZENVEEN POMMS (ALMELO)	ALMELO	15	2	17	0	ARSENAL
	TURKEY CAKMAKLI HQ CMPLX	CAKMAKLI	200	5	205	35	HEADQUARTERS AND ADMIN
	TURKEY CORLU REMOTE SITE	CORLU	64	0	64	14	ARSENAL
	TURKEY ERZURUM REMOTE SITE	ERZURUM	56	0	56	11	ARSENAL

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
Used by U.S. Forces in USAREUR  
FY 90

Authorized Manpower  
Full-Time Permanently  
Assigned

Country	Name of Installation	City	Mil.	Cil.	Tot.	Total Acreage	Major Unit Activity Function
TURKEY	IZMIT REMOTE SITE	ISMIT	41	0	41	14	ARSENAL
	ORTAKOY REMOTE SITE	ISTANBUL	47	0	47	9	ARSENAL
UK	THE UNITED KINGDOM BURTONWOOD FAMILY HOUSING	WARRINGTON	0	0	0	21	HOUSING
	THE UNITED KINGDOM RAF BURTONWOOD	WARRINGTON	30	433	463	137	AIRFIELD
	THE UNITED KINGDOM RAF CAERWENT	CHEPSTOW	9	117	126	1562	ARSENAL
	THE UNITED KINGDOM RAF CHESSINGTON	KINGSTON ON TH	63	20	83	44	HOSPITAL
	THE UNITED KINGDOM RAF HYTHE	SOUTHAMPTON	3	83	86	35	HARBORS AND PORTS
	THE UNITED KINGDOM RAF KIRKNEWTON	EDINBURGH	0	0	0	269	HOSPITAL

**U.S. NAVY**



Department of Defense  
Navy Base Structure  
Europe  
FY 1991

<u>Country</u>	<u>Base/City</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>	<u>Acreage</u>	<u>Major Unit/Function</u>
Italy						
	NAS Sigonella	2934	587	3521	680	Air Station
	Main site, Sigonella					
	NATO Ordnance Facility, Sigonella					
	SEABEE Camp, Sigonella					
	NATO Airfield, Sigonella					
	NATO Magazine Area, Sigonella					
	Pachino, Sigonella					
	NAS III, Sigonella					
	Navy Beach, Catania					
	Township of Catania					
	TSC Antenna Site, Sigonella					
	GLI ULIVI 205 Units, Catania					
	Comm Area Master Station, Naples	154	75	229	56	Communications
	Main Site, Naples					
	Capodichino, Naples					
	Agnano, Naples					
	Bagnoli AF South, Naples					
	Camaldi Relay Site, Naples					
	Lago Patria, Naples					
	Ischia M/W Relay Site, Naples					
	Gaeta					
	Fleet Support Office, La Maddalena	1451	42	187	38	Fleet Support
	Main Site, La Maddalena					
	Santo Stefano Site, La Maddalena					
	Palau Sassari, La Maddalena					
	Naval Hospital, Naples	270	91	361	5	Medical
	Main Site					
	Agnano Compound, Naples					

Department of Defense  
Navy Base Structure  
Europe  
FY 1991

<u>Country</u>	<u>Base/City</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>	<u>Acreage</u>	<u>Major Unit/Function</u>
Italy (contd)						
	Naval Support Act, Naples	3180	1301	4481	172	Fleet Support
	Main Site Capodichino, Naples Agnano Compound, Naples AFSouth HQ Bagnoli, Naples Coppola Pinetamare, Naples Gaeta Rome Airport, Rome Nisida Island Carney Park, Naples Naples Port Area, Naples Housing, various locations, Naples					
Portugal						
	Iberian Atlantic Area, Lisbon	*	*	*	.26	Family Housing
	Main Site					
Spain						
	Communications Station, Rota	909	88	997	159	Communications
	Main Site Moron					
	Construction OinC, Madrid	*	*	*	*	Construction Support
	Main Site					
	Naval Hospital, Rota	213	31	244	8	Medical
	Main Site					

Department of Defense  
Navy Base Structure  
Europe  
FY 1991

<u>Country</u>	<u>Base/City</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>	<u>Acreage</u>	<u>Major Unit/Function</u>
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Spain (contd)

	Naval Station, Rota	3179	180	3359	6776	Fleet Support
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Main Site  
Cartegena Ammo Area, Cartegena  
Cartegena Fuels Area, Cartegena  
SEABEE Camp, Rota

United Kingdom

	Naval Activities, London	638	300	938	38	Logistics Support
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Main Site  
ACC House, London  
American Embassy, London  
Bryanston Square, London  
Connaught Place, London  
Dunstable, London  
Eastcote, London  
RAF Hendon, London  
Hayes, London  
MC Barracks 90 Allitsen RD, London  
Providence Court, London  
Romany House Surrey, London  
Territorial House, London  
Upper Brook Street, London  
West Ruislip, London  
Wimpole Street, London

	Naval Air Facility, Mildenhall	*	*	*	*	Air Facility
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Main Site

Department of Defense  
Navy Base Structure  
Europe  
FY 1991

<u>Country</u>	<u>Base/City</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>	<u>Acreage</u>	<u>Major Unit/Function</u>
United Kingdom (contd)						
	Naval Communications Station, Thurso	134	63	197	250	Communications
	Main Site Harland RD, Castletown Burnside, Thurso Murkle Receiver Site Cairnmore Hilloch Ormlie Hsg Site Latheron Site Kinnaber Inverberie Aberdeen Momon Hill Scrabster					
	Naval Facility Brawdy, Wales	*	*	*	*	Oceanographic Research
	Main Site					
	Naval Security Group Activity, Edzell	784	215	999	457	Security
	Main Site Trinity Fields Brechin RAF Inverbervie Sewage Treatment Farm					
	Naval Support Activity, Holy Loch	1999	100	2099	457	Logistics Support
	Main Site Greenock/Gourock, Greenock					



Department of Defense  
Navy Base Structure  
Europe  
FY 1991

<u>Country</u>	<u>Base/City</u>	<u>Mil</u>	<u>Civ</u>	<u>Total</u>	<u>Acreage</u>	<u>Major Unit/Function</u>
United Kingdom (contd)						
	Naval Weapons Facility, St Mawgan	*	*	*	*	Munitions Support
	Main Site Machrihanish, Machrihanish St Eval, Saint Mawgan					
Iceland						
	Naval Air Station, Keflavik	3292	1172	4464	23339	Air Station
	Main Site Helguvik H-1/Rockville Borgarfjardarsyslu H-3/Hornafirdi Sangerdi Grindavik Hvalfjordur Dye 5 NAVFAC					
Greece						
	Naval Support Activity, Souda Bay, Crete	187	24	211	101	Fleet Support
	Main Site MOMAG Compound, Soudha Bay NATO Ordnance Area					

U.S. AIR FORCE



# BELGIUM

Florennes AB	(1)	0	0	0	223	
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# GERMANY

Bitburg AB	(1)	4673	872	5545	1239	36 Tac Fighter Wing
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Ahlbach Water Sys Aux					1	
Bitburg Fam Hsg Aux					149	
Bitburg Fam Hsg Aux #2					15	
Bitburg Stg Aux #4					-	
Bitburg Stg Aux #2					1	
Echternacherbrueck Stg Aux					-	
Eisenach Stg Aux					-	
Geilenkirchen Stg Aux					-	
Idenheim Comm Aux					57	
Mootsch Ammo Stg Aux					18	
Moetsch Water Sys Aux					6	
Oberweis Aux					105	
Pruern Air Station					47	
Pruern Fam Hsg Aux					20	
Pruern Water Sys Aux					6	
Rittersdorf Aux					30	
Rochl Aux					1	
Suelm Aux					10	
Trier Stg Aux					-	

TOTAL					1705	
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Hahn AB	(1)	4802	823	5625	1251	50 Tac Fighter Wing
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Buchenbeuren Waste Aux					2	
Hahn Fam Hsg Aux					135	
Hahn Water Sys Aux #1					1	
Hahn Water Sys Aux #2					1	
Hahn Water Sys Aux #3					1	
Hahn Water Sys Aux #4					2	
Hahn Water Sys Aux #5					5	
Hahn Water Sys Aux #6					20	
Hundheim Aux					7	
Kastellaun Fam Hsg					-	
Kastellaun Fam Hsg Aux					1	
Kirchberg Adm Aux					6	
Kirchberg Fam Hsg Aux					-	
Kirchberg Stg Fac					-	
Loeffelscheid Fam Hsg Aux					-	
Reinsfeld Stg Aux					-	
Rhaunen Fam Hsg Aux					-	
Simmern Fam Hsg Aux					-	
Sohren Adm Aux					-	
Sohren Fam Hsg Aux					35	
Sohren Stg Aux					-	

TOTAL					1467	
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(-) Dash in acreage indicates land not owned by the Air Force, i.e. leased.

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
Europe  
FY 1991

Country	Base	Complex Site	(Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
GERMANY (Cont.)								
Hessisch Oldendorf	AS		(2)	584	78	662	52	600 Combat Spt Sq, 609 Tac Ctl Sq, & 2134 Comm Sq
	Basdahl Comm Anx						12	
	Hessisch Oldendorf Rec Anx						1	
	Hessisch Oldendorf Stg Anx #1						1	
	Hessisch Oldendorf Stg Anx #2						2	
	Schweletrup Comm Anx						27	
	<b>TOTAL</b>						<b>95</b>	
Lindsey AB			(1)	2101	421	2522	82	691 Electronic Security Wing
	Schierstein Adm Anx						4	
	Wiesbaden Hsp						19	
	<b>TOTAL</b>						<b>105</b>	
Ramstein AB			(1)	8796	3167	11963	3169	Hq USAFE/86 Tac Fighter Wing
	Bann Comm Anx						6	
	Bann Comm Anx #2						51	
	Copenhagen Fam Hsg Site							
	Donaueschingen Cont Hsp Anx						10	
	Einsiedlerhof Maint Anx						13	
	Einsiedlerhof Stg Anx						28	
	Einsiedlerkoepfe Tng Anx						311	
	Kaiserslautern Fam Hsg Anx #2						-	
	Kaiserslautern Fam Hsg Anx #3						12	
	Kaiserslautern Fam Hsg Anx #4						3	
	Kaiserslautern Fam Hsg Anx #5						-	
	Kaiserslautern Fam Hsg Anx #6						-	
	Kaiserslautern Fam Hsg Anx #8						-	
	Kaiserslautern School Anx						-	
	Kaiserslautern Stg Anx						-	
	Kaiserslautern Stg Anx #3						1	
	Kaiserslautern Water Sys Anx						4	
	Kapaun Adm Anx						155	
	Kindsbach Stg Anx						6	
	Landstuhl Fam Hsg Anx #2						-	
	Landstuhl Fam Hsg Anx #3						52	
	Landstuhl Fam Hsg Anx #4						-	
	Landstuhl Maint Anx						25	
	Landstuhl Maint Anx #2						7	
	Mackenbach Fam Hsg Anx						-	
	Mackenbach Fam Hsg Anx #2						-	
	Ramstein Fam Hsg Anx						-	
	Ramstein Sig Anx						85	
	Vogelweh Fam Hsg Anx						678	
	Weilerbach Fam Hsg Anx #2						-	
	Weilerbach Fam Hsg Anx						-	
	<b>TOTAL</b>						<b>4616</b>	
Rhein Main AB			(1)	4736	1052	5788	794	445 Tac Alft Wg/39 Special Ops Wg
	Buchschlag Fam Hsg Anx						-	
	Dietzenbach Fam Hsg Anx						2	
	Egelsbach Fam Hsg Anx						3	

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
Europe  
FY 1991

Authorized Manpower  
Full-Time Permanently  
Assigned

Country Base	Complex Site (Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
GERMANY (Cont.)						
Rhein Main AB (Cont.)						
	Gateway Gardens Fam Hsg Anx				87	
	Langen Terrace Fam Hsg Anx				19	
	Neider-Roden Fam Hsg Anx				4	
	Rhein Main Fam Hsg				-	
	<b>TOTAL</b>				<b>969</b>	
Sembach AB	(1)	3022	651	3673	584	66 Ele Cmbt Wg & 601 Tac Ctl Wg
	Alzey Comm Anx				6	
	Bad Muender Comm Anx				25	
	Enkenbach Stg Anx				3	
	Enkenbach Water Sys Anx				5	
	Hochspeyer Ammo Stg Anx				88	
	Kaiserslautern Stg Anx #2				1	
	Mehlingen Comm Anx				68	
	Neuhemsbach Pol Retail Dist Anx				7	
	Neukirchen Water Sys Anx				1	
	Niedermehlingerhof Water Sys Anx				2	
	Reisenbach Comm Anx				6	
	Rohrbach Waste Anx				3	
	Sembach Base Support Anx				278	
	Sembach Stg Anx				1	
	Tuerkheim Anx				3	
	Tuerkheim Comm Anx				9	
	<b>TOTAL</b>				<b>1090</b>	
Spangdahlem AB	(1)	5116	620	5736	1282	52 Tac Fighter Wing
	Grosslittgen Stg Anx				5	
	Grosslittgen Water Sys Anx				2	
	Herforst Fam Hsg Anx				9	
	Moenchengladbach Stg Anx				-	
	Niederkail Water Sys Anx				2	
	Spangdahlem Waste Anx				3	
	Speicher Fam Hsg Anx				20	
	Speicher Stg Anx				6	
	Trier Fam Hsg Anx				20	
	Trier Olewig Stg Anx				-	
	Trier Stg Anx #2				-	
	<b>TOTAL</b>				<b>1349</b>	
Tempelhof Central Apt AS	(2)	1079	761	1840	906	690 Electronic Security Wing
	Marienfelde Comm Anx				15	
	Tegel Navigational Aid Anx				2	
	<b>TOTAL</b>				<b>923</b>	
Wueschheim AB	(1)	0	0	0	32	38 Tac Missile Wing
	Wueschheim Ammo Stg Anx				62	
	Wueschheim Comm Anx				6	
	Wueschheim Comm Anx #2				3	
	<b>TOTAL</b>				<b>104</b>	
Zweibrucken AB	(1)	3035	444	3479	715	26 Tac Recon Wing
	Homburg Stg Anx				-	

**DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
Europe  
FY 1991**

**Authorized Manpower  
Full-Time Permanently  
Assigned**

Country Base	Complex Site (Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
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**GERMANY (Cont.)**

**Zweibrucken (Cont.)**

Obersauerbach Comm Anx					-
Rimschweiler Water Sys Anx					1
Zweibrucken Bach Hsg Anx					1
Zweibrucken Cont Hsp Anx					-
Zweibrucken Fam Hsg Anx					38
Zweibrucken Fam Hsg Anx #3					5
Zweibrucken Fam Hsg Anx #4					3
Zweibrucken Stg Anx #1					1
Zweibrucken Stg Anx #2					28
Zweibrucken OS					-
<b>TOTAL</b>					<b>792</b>

**GREECE**

Hellenikon AB	(2)	1482	364	1846	172	7206 Air Base Group
Aegaleo Stg Anx					-	
Athenai Adm Anx #4					-	
Athenai Adm Anx #2					-	
Athenai Maint Anx					-	
Athenai School					2	
Athenai Service Anx #2					-	
Athenai Service Anx #3					-	
Athenai Stg Anx					-	
Eleusis Stg Anx					-	
Hellenikon Fam Hsg Anx					-	
Piraeus Stg Anx					-	
Piraeus Stg Anx #2					-	
Sourmena Stg Anx					-	
Sourmena Stg Anx #2					-	
Sourmena Stg Anx #3					-	
Sourmena Stg Anx #4					-	
Vari School					2	
Voula Bachelor Hsg Anx					3	
<b>TOTAL</b>					<b>179</b>	

Iraklion AB	(2)	796	140	936	197	7276 Air Base Group
Goumes Fam Hsg Anx					-	
Goumes Stg Anx					-	
Gouves Stg Anx					-	
Iraklion Comm Anx					26	
Iraklion Comm Anx					14	
Malia Water Sys Anx #1					9	
Malia Water Sys Anx #2					1	
<b>TOTAL</b>					<b>257</b>	

**ITALY**

Aviano AB	(1)	1824	541	2365	989	40 Tac Fighter Group
Aviano Adm Anx #2					-	
Aviano Ammo Stg Anx					47	
Aviano Bachelor Hsg Anx #1					39	
Aviano Bachelor Hsg Anx #2					13	

**DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
Europe  
FY 1991**

**Authorized Manpower  
Full-Time Permanently  
Assigned**

Country	Base	Complex Site (Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
<b>ITALY (Cont.)</b>							
<b>Aviano AB (Cont.)</b>							
	Aviano Fam Hsg Anx #4					1	
	Aviano Headquarters Anx					8	
	Aviano Maint Anx					7	
	Aviano POL Products Stg Anx					7	
	Aniano Railroad Anx					-	
	Aniano Stg Anx					6	
	La Bormas Comm Anx					1	
	La Comina Stg Anx					7	
	Orsago Radio Beacon Anx					1	
	Porcia Stg Anx					3	
	Quartu St'Elena Fam Hsg Anx					1	
	Roveredo Stg Anx					3	
	Roveredo Stg Anx #2					3	
	South Quiriro Stg Anx					1	
	Vigonovo Stg Anx					5	
	<b>TOTAL</b>					<b>1142</b>	
Comiso AB		(1)	19	38	57	379	487 Tac Missile Wg (Close FY 91)
	Chiaranontl Gulfi Stg Anx					-	
	Comiso Adm Anx					-	
	<b>TOTAL</b>					<b>379</b>	
San Vito Dei Normanni AB		(1)	1577	283	1860	318	692 Electronic Security Wing
	Avellino Service Anx					1	
	Brindisi Stg Anx					1	
	Mercogliano Fam Hsg Anx					-	
	Mesagne Stg Fac					-	
	Monteforte Fam Hsg Anx					-	
	<b>TOTAL</b>					<b>320</b>	
<b>NETHERLANDS</b>							
Soesterberg AB		(1)	1643	144	1787	562	32 Tac Fighter Group
	Etp Radio Relay Site					-	
	Kamp Alphen Ammo Stg Anx					-	
	Kamp Van Zeist Service Anx					59	
	Keizersveer Radio Relay Site					1	
	Soesterberg Fam Hsg Anx					35	
	Soesterberg Stg Anx					-	
	Vught Radio Relay Site					1	
	Walaat Sacre Kamp Bachelor Hsg					34	
	<b>TOTAL</b>					<b>692</b>	
<b>PORTUGAL</b>							
Lajes Field		(1)	2251	1806	3337	903	1605 Military Airlift Support Wing
	Agualva Comm Anx					15	
	Agualva Munitions Stg Anx					-	
	Cabrito Fuel Stg Anx					3	
	Caldeira Comm Fac Anx					1	
	Caldeira Radio Beacon Anx					1	
	Caldeira VOR Anx					4	



**DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
Europe  
FY 1991**

**Authorized Manpower  
Full-Time Permanently  
Assigned**

Country	Base	Complex Site (Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
<b>PORTUGAL (Cont.)</b>							
<b>Lajes (Cont.)</b>							
						25	
						19	
						41	
						1	
						1	
						2	
						1	
						1	
						4	
						34	
						1	
						6	
						1	
						1132	
<b>SPAIN</b>							
	Torrejon AB	(1)	4052	948	5000	3492	401 Tac Fighter Wing
	Barajas Airport Adm Anx					-	
	Jarama Water Sys Anx					24	
	Royal Oaks Fam Hsg Anx					137	
	Royal Oaks School					29	
	Royal Oaks Stg Anx					-	
	San Fernando Stg Anx					-	
	Torrejon Stg Anx					-	
	Torrejon Stg Anx #2					-	
	<b>TOTAL</b>					3689	
	Zaragoza AB	(1)	966	189	1155	2982	406 Tac Fighter Training Wing
	Bardenas Reales Weapons Rng					-	
	Zaragoza Radio Beacon Anx					1	
	<b>TOTAL</b>					2983	
<b>TURKEY</b>							
	Ankara AS	(2)	497	155	652	136	7217 Air Base Group
	Ankara Hsg Anx #3					2	
	Ankara Maint Anx #2					1	
	Ankara Rec Anx #5					-	
	Ankara Research Anx					8	
	Ankara Service Anx					1	
	Ankara Stg Anx					-	
	Elmadag Radio Relay Anx					7	
	Elmadag Water Sys Anx					2	
	<b>TOTAL</b>					157	
	Incirlik AB	(1)	2602	328	2930	3328	39 Tac Group
	Adana Service Anx					-	
	Adana Water Sys Anx					1	
	Iskenderun Bachelor Hsg Anx					-	
	Iskenderun Port Anx					2	

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
Europe  
FY 1991

Authorized Manpower  
Full-Time Permanently  
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Country	Base	Complex Site (Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
TURKEY (Cont.)							
Incirlik AB (Cont.)							
	Yumurtalik POL Prod Stg Anx					142	
	TOTAL					3,473	
Izmir AS		(2)	514	79	593	4	7241 Air Base Group
	Istanbul Fam Hsg Anx					-	
	Izmir Fam Hsg Anx					-	
	Izmir Fam Hsg Anx #2					-	
	Izmir Motor Pool Anx					1	
	Izmir Port Anx					-	
	Izmir Stg Anx #2					11	
	Izmir Stg Anx #3					5	
	TOTAL					21	
Pirinclik AS		(2)	133	4	137	114	2003 Communications Group
	Pirinclik Comm Anx					62	
	TOTAL					176	
UNITED KINGDOM							
High Wycombe AS		(2)	227	29	256	79	7520 Air Base Squadron
	Carpenders Park Fam Hsg Anx					14	
	Eastcote Adm Anx					-	
	London Adm Anx					-	
	London Fam Hsg Anx #1					-	
	London Stg Anx					-	
	RAF Ruislip West Adm Anx					6	
	RAF Uxbridge Support Anx					1	
	RAF West Drayton Fam Hsg Anx					2	
	Ruislip Adm Anx					1	
	TOTAL					93	
RAF Alconbury		(1)	3105	466	3571	1225	10 Tac Fighter Wing
	Ahlhorn AB FRG					-	
	Hartford Fam Hsg Anx					-	
	Haverhill Fam Hsg Anx					-	
	Haverhill Fam Hsg Anx #2					-	
	Oakington Stg Anx					-	
	RAF Bedford					-	
	RAF Brampton Fam Hsg Anx					5	
	RAF Chelveston Fam Hsg Anx					18	
	RAF Upwood FHg/Com Hsp Anx					216	
	RAF Wittering Fam Hsg Anx					-	
	RAF Wyton Service Anx					-	
	St Ives Fam Hsg Anx					-	
	Yaxley Fam Hsg Anx					-	
	TOTAL					1464	
RAF Bentwaters		(1)	3914	524	4438	1063	81 Tac Fighter Wing
	Framlingham Stg Anx					6	
	Grundisburgh Fam Hsg Anx					-	
	Ipswich Fam Hsg Anx					-	
	Melton Fam Hsg Anx					-	

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Country	Base	Complex Site (Code)	Mil	Civ	Total	Acres	Major Unit Activity Function
<b>UNITED KINGDOM (Cont.)</b>							
<b>RAF Bentwaters (Cont.)</b>							
	RAF Bentwaters Bachelor Hsg Anx					5	
	RAF Bentwaters Fam Hsg Anx					-	
	RAF Bentwaters Waste Anx					8	
	RAF Felixstowe Fam Hsg Anx					-	
	RAF Martlesham Fam Hsg Anx					-	
	RAF Martlesham-Heath Comm Anx					9	
	Saxmundham Fam Hsg Anx					-	
	Shotley Fam Hsg Anx					-	
	<b>TOTAL</b>					<b>1091</b>	
RAF Chicksands		(1)	1335	160	1495	411	693 Electronic Security Wing
	Bedford Stg Anx					-	
	<b>TOTAL</b>					<b>411</b>	
RAF Croughton		(2)	393	54	447	694	2130 Communications Group
RAF Fairford		(1)	1180	196	1376	1170	7020 Air Base Grp (Standby FY 91)
	Kempsford Fam Hsg Anx					1	
	RAF Brize Norton Fam Hsg Anx					-	
	RAF Hullavington Stg Anx					-	
	RAF Kemble Fam Hsg Anx					1	
	RAF Ltl Rissington FHg/Cont Hsp					608	
	South Cerney Fam Hsg Anx					5	
	<b>TOTAL</b>					<b>1785</b>	
RAF Greenham Common		(1)	219	201	420	1005	501 Tac Missile Wg (Stby FY 91)
	Bishops Green Fam Hsg Anx					10	
	Blackbushe Fam Hsg Anx					10	
	Bramley Fam Hsg Anx					-	
	Faringdon Fam Hsg Anx					2	
	Kingston Bagpuize Fam Hsg Anx					1	
	RAF Andover Fam Hsg Anx					3	
	RAF Clayhill Fam Hsg Anx					41	
	RAF Compton Bassett Fam Hsg					35	
	RAF Greenham Common Fam Hsg					55	
	RAF Greenham Common Waste Site					2	
	RAF Upavon Fam Hsg Anx					2	
	Swindon Fam Hsg Anx					3	
	Wantage Fam Hsg Anx					6	
	<b>TOTAL</b>					<b>1175</b>	
RAF Lakenheath		(1)	4764	458	5222	1966	48 Tac Fighter Wing
	Eiswell Fam Hsg Anx					-	
	Monkton Fam Hsg Anx					-	
	Newmarket Fam Hsg Anx #3					-	
	RAF Feltwell Stg Anx					332	
	RAF Lakenheath Fam Hsg Anx					-	
	RAF Mildenhall Ammo Stg Anx					36	
	RAF Nocton Hall Cont Hsp Anx					42	
	RAF Watton Stg Anx					-	
	Soham Fam Hsg Anx					-	
	<b>TOTAL</b>					<b>2378</b>	

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<b>UNITED KINGDOM (Cont.)</b>							
RAF	Mildenhall	(1)	3130	574	3704	1121	3 Air Force, 306 Strat Wing, & 513 Airborne Command & Control Wing
	Bury St Edmunds Fam Hsg Anx					-	
	Newmarket Fam Hsg Anx #1					-	
	Newmarket Fam Hsg Anx #2					-	
	RAF Mildenhall ILS MM Anx					1	
	RAF Mildenhall Waste Anx					4	
	RAF Shepherds Grove Fam Hsg Anx					18	
	Tuddenham Fam Hsg Anx					-	
	<b>TOTAL</b>					<b>1144</b>	
RAF	Molesworth	(1)	21	6	27	659	
	RAF Molesworth Fam Hsg Anx					5	
	RAF Molesworth Stg Anx #12					37	
	RAF Molesworth Waste Anx					1	
	<b>TOTAL</b>					<b>702</b>	
RAF	Upper Heyford	(1)	4584	572	5156	1221	20 Tac Fighter Wing
	Long Hanborough Fam Hsg Anx					1	
	RAF Bicester Fam Hsg Anx #2					-	
	RAF Bicester Service Anx					424	
	RAF Upper Heyford Waste Anx					3	
	<b>TOTAL</b>					<b>1649</b>	
RAF	Wethersfield	(2)	521	67	588	799	819 Civ Engr Hvy Squadron
	RAF Wethersfield Service Anx					2	
	<b>TOTAL</b>					<b>801</b>	
RAF	Woodbridge	(1)	645	2	647	994	21 Special Ops Sq, 67 Air Rescue Sq, & 78 and 91 Tac Fighter Sq
	RAF Woodbridge Fam Hsg Anx					-	
	RAF Woodbridge Waste Anx					4	
	<b>TOTAL</b>					<b>998</b>	